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הנדון: דו"ח מסכם עבור סקר קרקע, גז קרקע (Phase II) וניטור מי תהום בשדה דב – פוליגון שחור – עדכון 1

סימוכין: (1) עדכון תכנית לביצוע סקר קרקע וסקר גז קרקע (Phase II) בשדה דב-עדכון 1 (אקולוג, 15/09/2019); (2) התייחסות מר' עמיר אשד, המשרד להגנת הסביבה בדוא"ל (אפריל, 2019), (3) השלמת סקר היסטורי לבחינת פוטנציאל זיהום קרקע ותכנית לסקר קרקע בשטח מתחם שדה דב (גיאופרוספקט, אפריל 2019); (4) התייחסות המשרד להגנת הסביבה לקידוחי התיחום בפוליגון השחור (הודעת דוא"ל מתאריך 23.07.2020, מר' נועם פוניה); (5) התייחסות המשרד להגנ"ס לדוח מסכם של חקירת הפוליגון השחור (באמצעות הודעת דוא"ל מתאריך 1.9.2020, מר נועם פוניי/כפיר אבישר, המשרד להגנ"ס).

שלום רב,

חברת אקולוג הנדסה בע"מ (להלן: "אקולוג") מתכבדת להגיש בזאת דו"ח סיכום ממצאים עבור סקר קרקע וגז קרקע אקטיבי וניטור מי תהום בחלקו המרכזי של שדה דב (להלן: "הפוליגון השחור"). חקירת הקרקע ומי התהום בוצעה בהתאם לנהלי והנחיות המשרד להגנת הסביבה ולבקשת החברה לשירותי איכות הסביבה (להלן: "מזמין העבודה"). מסמך זה מפרט את שלבי העבודה שבוצעו בחלקו המערבי של האתר, שיטות לביצוע קידוחי קרקע ודיגומים, מיקומם, סיכום ממצאי האנליזות הכימיות והמלצות להמשך עבודה. מסמך זה עודכן בהתאם לדרישות המשרד להגנת הסביבה, וכולל התייחסות לסבב קידוחי התיחום הנוסף שבוצע בשטח הפוליגון השחור ב-30/09/2020.

אנו נשמח לעמוד לרשותכם בכל שאלה שתעלה.

בברכה,
אקולוג הנדסה בע"מ

לירז לוי גרוס	יצחק שטרמר	ננק כדיה
מהנדסת סביבה	מהנדס סביבה	יועץ סביבה

בקרת איכות ואישור המסמך: מירי למפרט, מנהלת אגף מדעי האדמה והסביבה, אקולוג.
העתק: בועז פרידמן, החברה לשירותי איכות הסביבה

תוכן העניינים

תוכן **עמוד**

1 תקציר מנהלים 1

2 רקע 3

2.1 גיאולוגיה 4

2.2 הידרוגיאולוגיה 5

3 ביצוע העבודה 6

3.1 קידוחי קרקע 6

3.1.1 דיגום קרקע בתווך הרווי 6

3.2 קידוחי גז קרקע אקטיבי 6

3.2.1 אנליזות מעבדה 13

3.3 ניטור מי תהום 13

4 ממצאי הסקר 14

4.1 ממצאי חקירת קרקע 14

4.1.1 מוקד קידוח קרקע 10.16 14

4.1.2 מוקד קידוחי קרקע 10.21 ו- 10.22 15

4.1.3 מוקד קידוח קרקע 11.17 16

4.1.4 מוקד קידוחים 15.31 ו- 15.58 17

4.1.5 מוקד קידוח 15.52 18

4.1.6 מוקד קידוח 15.54 19

4.1.7 ריכוזי זירקוניום בקידוחי קרקע 21

4.2 ממצאי חקירת גז קרקע 21

4.3 חקירת מי התהום 24

5 סיכום והמלצות 25

רשימת איורים

איור 1 : מפת מיקום האתר וחלוקה לתאים 3

איור 2 : מפה גיאולוגית 4

איור 3 : חתך גיאולוגי מספר 33 (USOM) אשר עובר בשטח שדה דב 4

איור 4 : מפת רגישות הידרולוגית, מפלס מי תהום וקידוחי מים 5

איור 5 : מפת מיקום קידוחי הקרקע, גז הקרקע ומי תהום, שבוצעו בשטח הפוליגון השחור. 12

איור 6 : סיכום ממצאי חקירת קרקע במוקד זיהום TPH ועופרת לקידוח 10.16 15

איור 7 : סיכום ממצאי חקירת קרקע במוקד זיהום TPH ו SVOC, קידוחי 10.21-10.22 16

איור 8 : סיכום ממצאי החקירה במוקד זיהום TPH, קידוח 11.17 17

איור 9 : סיכום ממצאי החקירה במוקד זיהום בעופרת קידוחים 15.31 ו- 15.58 18

איור 10 : סיכום ממצאי החקירה במוקד זיהום TPH, קידוח 15.52 19

איור 11 : סיכום ממצאי החקירה במוקד זיהום TPH ועופרת, קידוח 15.54 21

איור 12 : סיכום ממצאי חקירת גזי קרקע בפוליגון השחור 23

רשימת טבלאות

טבלה 1 : פירוט קידוחי קרקע וגז קרקע אקטיבי בשטח הפוליגון המערבי 7
טבלה 2 : פירוט השיטות האנליטיות לביצוע אנליזה כימית לדגימות קרקע. 13
טבלה 3 : פירוט קידוחי ניטור מי תהום בשטח הפוליגון המערבי 13
טבלה 4 : סיכום ממצאי שדה עבור קידוחי קרקע בתא 9, בפוליגון המערבי 28
טבלה 5 : סיכום ממצאי שדה עבור קידוחי קרקע בתא 10, בפוליגון השחור 29
טבלה 6 : סיכום ממצאי שדה עבור קידוחי קרקע בתא 11, בפוליגון השחור 35
טבלה 7 : סיכום ממצאי שדה עבור קידוחי קרקע בתא 12, בפוליגון השחור 36
טבלה 8 : סיכום ממצאי שדה עבור קידוחי קרקע בתא 13, בפוליגון השחור 37
טבלה 9 : סיכום ממצאי שדה עבור קידוחי קרקע בתא 15, בפוליגון השחור 39
טבלה 10 : תוצאות אנליזת TPH עבור קידוחי קרקע בתא 9, בפוליגון השחור 49
טבלה 11 : תוצאות אנליזת TPH עבור קידוחי קרקע בתא 10, בפוליגון השחור 50
טבלה 12 : תוצאות אנליזת TPH עבור קידוחי קרקע בתא 11, בפוליגון השחור 53
טבלה 13 : תוצאות אנליזת TPH עבור קידוחי קרקע בתא 12, בפוליגון השחור 54
טבלה 14 : תוצאות אנליזת TPH עבור קידוחי קרקע בתא 13, בפוליגון השחור 54
טבלה 15 : תוצאות אנליזת TPH עבור קידוחי קרקע בתא 15, בפוליגון השחור 56
טבלה 16 : תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 9, בפוליגון השחור 61
טבלה 17 : תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 10, בפוליגון השחור 63
טבלה 18 : תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 11, בפוליגון השחור. 69
טבלה 19 : תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 12, בפוליגון השחור 70
טבלה 20 : תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 13, בפוליגון השחור 72
טבלה 21 : תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 15, בפוליגון השחור 75
טבלה 22 : תוצאות אנליזת נדיפים (VOC) עבור קידוחי קרקע בפוליגון השחור 91
טבלה 23 : תוצאות אנליזת נדיפים למחצה (SVOC) עבור קידוחי קרקע בפוליגון השחור 92
טבלה 24 : תוצאות אנליזת גזי קרקע בפוליגון השחור 94
טבלה 25 : תוצאות אנליזת המים בקידוחי ניטור מי תהום בפוליגון השחור 104

נספחים

נספח 1: דוחות מעבדה מלאים

נספח 2: טפסי שדה ומשמורת

1 תקציר מנהלים

סקר קרקע, גז קרקע אקטיבי וניטור מי תהום בוצע בחלקו המרכזי (להלן: "הפוליגון השחור") של אתר שדה דב בין החודשים מרץ - ספטמבר 2020. חקירות הקרקע ומי התהום בוצעו בהתאם לתכנית המאושרת (סימוכין 1) ולרישיונות הקדיחה שהתקבלו מטעם רשות המים. שטח שדה דב חולק לשלושה עשר (13) תאי שטח במסגרת תכנית הדיגום, והפוליגון השחור מתייחס לתאי שטח מספר 10, 13, 15 וחלק מתאים מס' 9, 11 ו- 12. חלוקת שדה דב לשלושה פוליגונים נעשתה בהתאם לבקשת מזמין העבודה. קידוחי ניטור מי תהום הותקנו ונדגמו בחודשים אפריל – מאי 2020. לאחר קבלת ממצאי החקירה הראשונית ובאישור מזמין העבודה והמשרד להגנת הסביבה, בוצע בחודשים יוני ויולי 2020 שני סבבים של קידוחי קרקע לתיחום, ובהתאם לדרישת המשרד להגנת הסביבה בוצע סבב שלישי בחודש ספטמבר 2020, עד להשלמת התיחום האופקי והאנכי של מוקדי הזיהום בפוליגון השחור.

החקירה כללה ביצוע של 193 קידוחי קרקע לעומק של 3-7.5 מ' מתחת לפני הקרקע, 18 קידוחי גז קרקע לעומק של 1.5 מ' ושני (2) קידוחי ניטור למי התהום בתאי שטח 10 ו-15, להלן עיקר ממצאי הסקר:

- ממצאי דיגום הקרקע מראים כי בקידוחי הקרקע נתגלו 6 מוקדים בהם נמצאו חריגות מערכי המטרה ל-TPH ועופרת. מוקדים אלו הינם בסביבת הקידוחים:
  - קידוח 10.16, מוקד זיהום TPH באתר בו פעלה סככת סיכה ואזור אחסון חביות חומ"ס משומש.
  - קידוחים 10.21-10.22, מוקד זיהום TPH ונפתלן, באתר בו פעל מוסך רכבים תפעוליים ומחסן שמנים.
  - קידוח 11.17, מוקד זיהום ב- TPH באזור ללא מוקד זיהום פוטנציאלי על פי הסקר היסטורי, אך בסמוך לתעלת ניקוז מאגף רכב.
  - קידוח 15.31 ו- 15.58, מוקדי זיהום עופרת באתר הפסולת.
  - קידוח 15.52, מוקד זיהום TPH, באתר הפסולת.
  - קידוח 15.54, מוקד זיהום עופרת ו- TPH באתר הפסולת.

  בששת מוקדי זיהום קרקע שתוארו לעיל בוצעו שלושה סבבים של דיגום קידוחי קרקע נוספים לתיחום הזיהום אופקית ואנכית. במוקדים אלו יש לבצע פעולות שיקום קרקע, כפי שמומלץ בפרק הסיכום.
- בדיגום גז הקרקע נמצא כי בשמונה (8) קידוחי גז קרקע נמצאו חריגות מערכי המטרה. בקידוחים 15.18, 15.31, 15.32, 15.23 ו-13.14 נתגלו ריכוזים חורגים של המזהם אקרוליין (Acrolein) בטווח ריכוזים של 3-5 מק"ג/מ"ק כאשר ערך המטרה הינו 2.78 מק"ג/מ"ק. בקידוחים 15.10 ו- 15.3 נתגלה ריכוז חורג של המזהם כלורופורם בריכוזים 19-23 מק"ג/מ"ק כאשר ערך המטרה הינו 16.28 מק"ג/מ"ק. בקידוח 15.46 נמצא המזהם 1,2 Dibromo-3-chloropropane, הריכוז שנמדד הינו 4.6 מק"ג/מ"ק בהשוואה לערך מטרה של 0.062 מק"ג/מ"ק. לצורך תיחום הזיהום שנתגלה, בוצעו קידוחי קרקע במיקומם של קידוחי גז הקרקע בהם נתגלו החריגות ונלקחו דגימות קרקע לאנליזת VOC ו- SVOC (בהתאם להתייחסות המשרד להגנת הסביבה (סימוכין 4) לא בוצעו קידוחי קרקע לתיחום בנקודות בהן נתגלה ריכוז חורג של אקרוליין בלבד). לא נתגלו חריגות בריכוזי VOC ו- SVOC בקידוחי הקרקע שבוצעו לצורך תיחום (**טבלה 22**, **טבלה 23**), או שקריאת PID היתה נמוכה משמעותית ולא היה צורך בביצוע אנליזות לנדיפים. אין לדעתנו צורך בהמשך פעולות חקירה במוקד זה.
- בקידוח לניטור מי תהום שהותקן בתא 10 (GW-10) נמצאו חריגות מתקני מי שתייה לפרמטרים מנגן, אלומיניום, ודיכלורומתאן. בקידוחי קרקע סמוכים לא נתגלו חריגות מערכי המטרה לפרמטרים אלו, וכן

ריכוז הדיכלורמתאן בקרקע היה נמוך מסף הכימות. בקידוח לניטור מי תהום שהותקן בתא 15 (GW-15) לא נמצאו ריכוזי מזהמים חורגים מערכי המטרה.

עבור 13 קידוחי קרקע ברחבי הפוליגון השחור נמדדו ריכוזי זירקוניום חורגים מערכי המטרה: טווח ריכוזים של 8.5-20.8 מ״ג/ק״ג, בהשוואה לערך מטרה של 6.26 מ״ג/ק״ג (VSL ו- Tier 1 למגורים). מכיוון שממצאי הסקר ההיסטורי אינם מצביעים על שימושים היסטוריים בזרקוניום ומפני שריכוז הזירקוניום שנמדד בקידוח הרקע הינו חורג מערכי המטרה גם כן (9.5 מ״ג/ק״ג), הערכתינו היא כי הזירקוניום בקידוחים אלה איננו ממקור אנטרופוגני אלא ריכוז רקע טבעי בקרקע, ובהתאם לכך אין לדעתנו צורך בביצוע תיחום ושיקום במוקדים אלה.

לסיכום, על פי ממצאי החקירה נדרש שיקום קרקע בשישה מוקדים שתוארו לעיל בשטחו של הפוליגון השחור. קידוחי התיחום שבוצעו משלימים את התיחום האופקי והאנכי של כל מוקדי הזיהום.

2 רקע

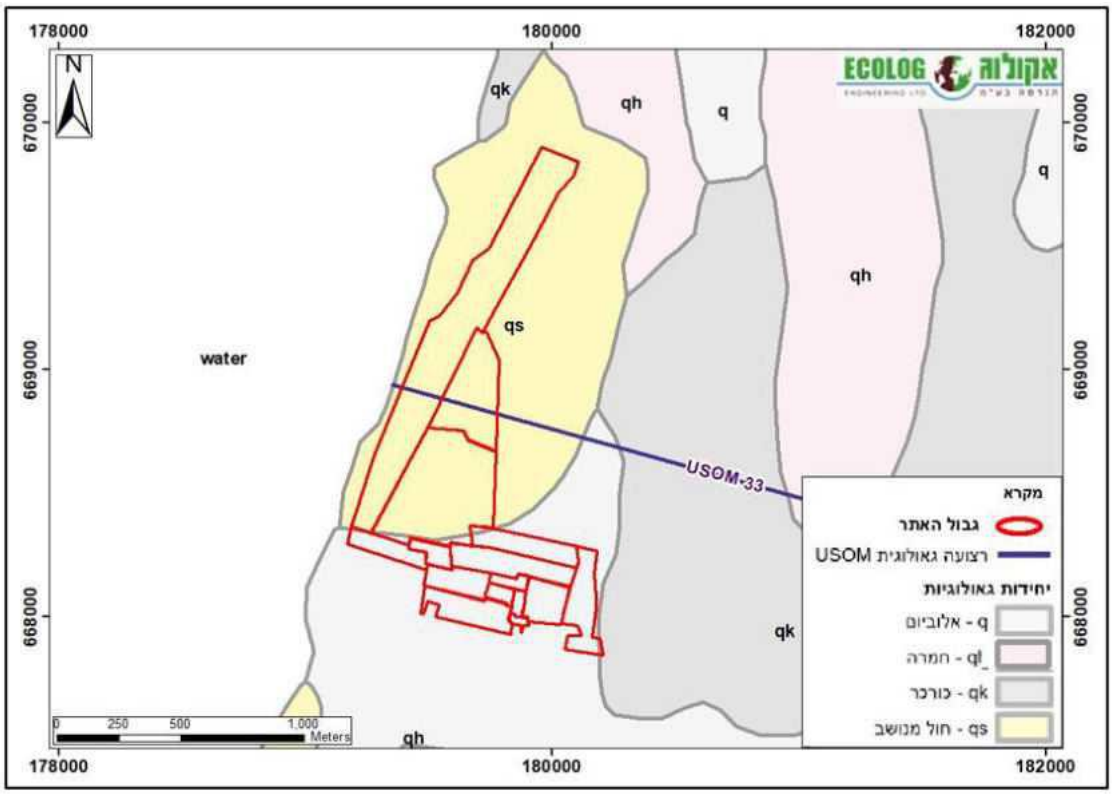
מתחם שדה דב (להלן: "האתר") הממוקם בצפון תל אביב, לחופו של הים התיכון, שימש כשדה תעופה משנות ה-30 של המאה הקודמת ושימש את צה"ל ("המתחם הצבאי") ואת רשות שדות התעופה ("המתחם האזרחי") עד לחודש יוני 2019. בשדה ישנם מתחמים שונים, תשתיות ומערכים תומכים למתן שירותי תעופה לנוסעים ולמטוסים. בשטח האתר מקודמת תכנית בנייה המתפרשת על פני כ-1,450 דונם, מתוכם כ-800 דונם של שדה התעופה דב, אשר כוללת מבני מגורים, מבני ציבור ושטחים פתוחים.

במסגרת תכנית חקירת הקרקע ומי התהום המאושרת (סימוכין 1), חולק האתר לחמישה עשר (15) תאים על פי אופי הפעילות בשטח. מסמך זה מתייחס לחקירת הקרקע, גז הקרקע ומי התהום אשר בוצעה בכשליש משטח האתר, בחלקו המרכזי, בתוואי הרכבת הקלה (להלן: "הפוליגון השחור"), כמתואר באיור 1.

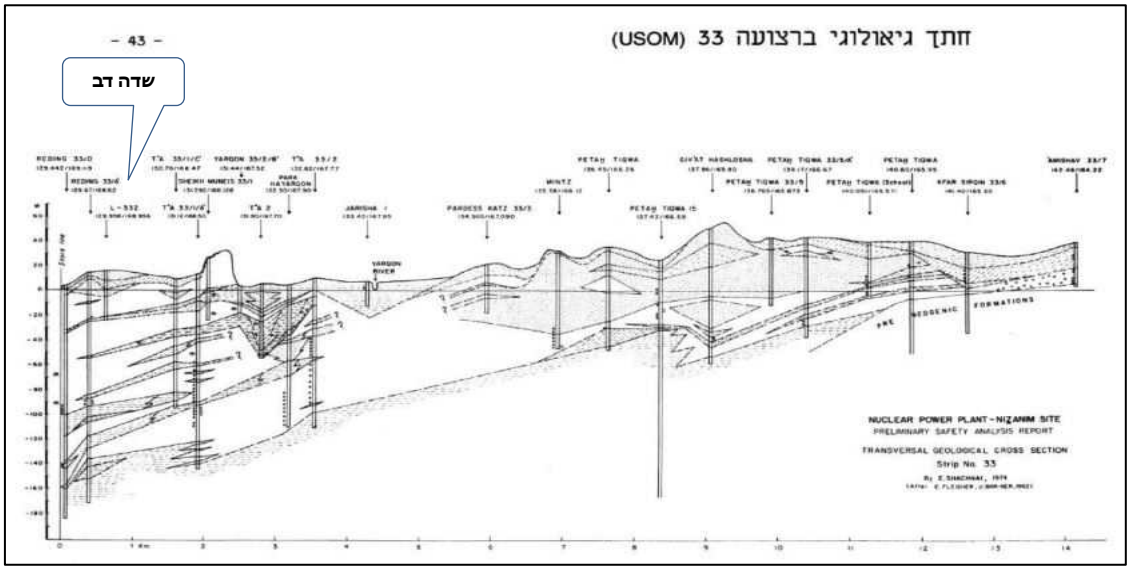
איור 1: מפת מיקום האתר וחלוקה לתאים

2.1 גיאולוגיה

אתר שדה דב ממוקם בסמוך לגבולו הדרומי של מישור חוף השרון, מצפון לנחל הירקון. אזור זה מחולק לשלוש רצועות אורך, כאשר המערבית ביותר, עליה ממוקם שדה דב, בנויה מרכסי כורכר לחלופין. על פי המפה הגיאולוגית (איור 2), חתך העליון במרבית שטחו של הפוליגון השחור הינו חול וכורכר ובחלקו הדרומי של אתר שדה דב ישנם משקעים אלוביאלים. חתך מספר 33 באטלס החתכים הגיאולוגים עובר במרכז שטחו של שדה דב (איור 3) ומראה כי חתך הקרקע באזור בנוי מחילופין של אבני חול גיריות, חול וחמרה חולית. בחלקו הדרומי של אתר שדה דב, חתך הקרקע מתאפיין בחרסית וחרסית שמנה (סימוכין 3).



איור2 : מפה גיאולוגית

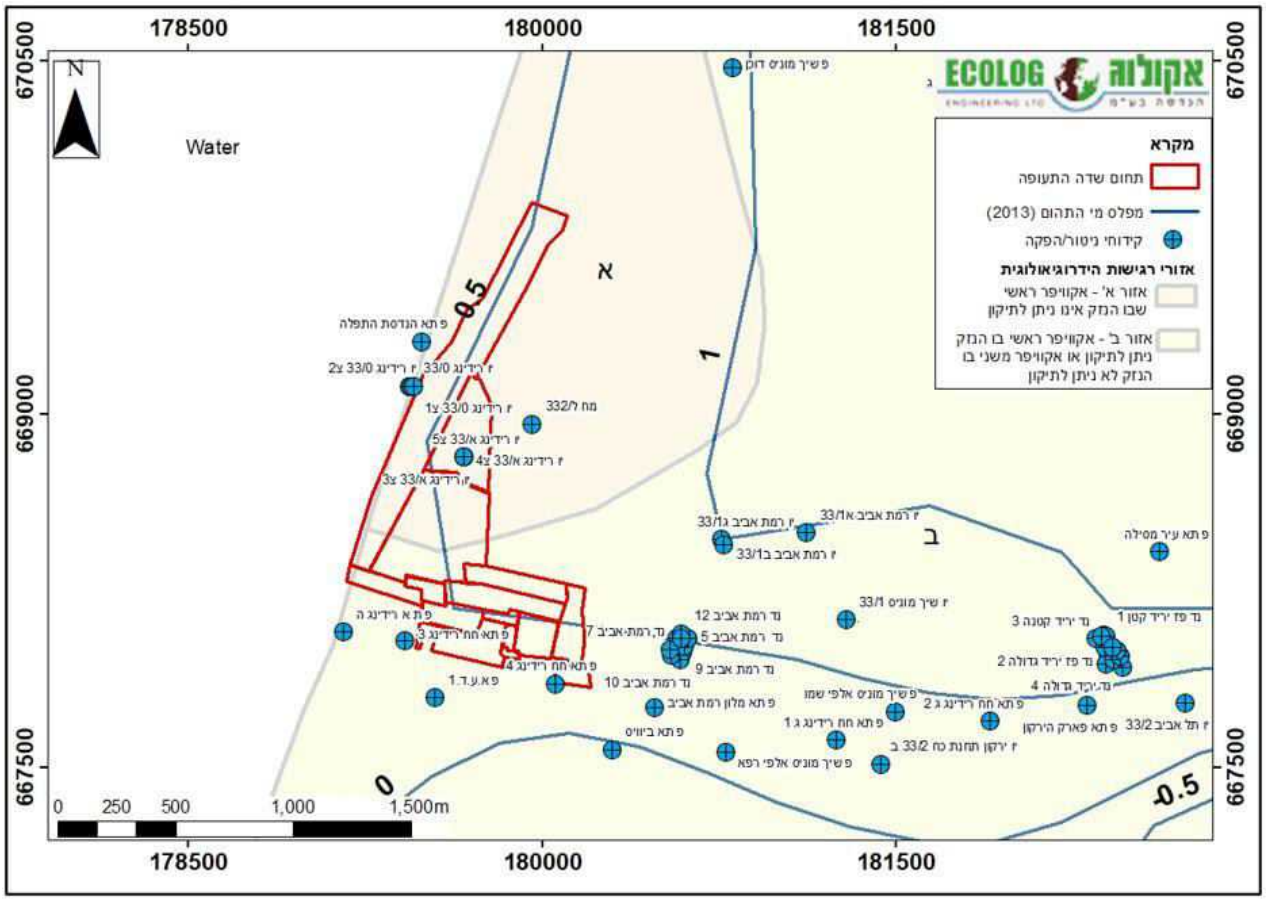


איור3 : חתך גיאולוגי מספר 33 (USOM) אשר עובר בשטח שדה דב

2.2 הידרוגיאולוגיה

אתר שדה דב ממוקם מעל אקוויפר החוף, במרחק של מטרים בודדים עד כ-1.5 ק״מ מחוף הים התיכון. רום פני הקרקע באזור שדה דב נע בין 4-10 מ׳. מפלס מי התהום, על פי מפת המפלסים של רשות המים, הינו כ- 0.5 מ׳, כלומר מפלס מי התהום באזור זה מצוי בעומק מטרים בודדים מתחת לפני הקרקע (איור 4). כיוון זרימת מי התהום הינו דרום – דרום מערב. בשטח שדה דב ובסביבתו קיימים מספר קידוחי מים, מרביתם קידוחי תצפית.

על פי תמ״א 34, שטח האתר ממוקם באזור בעל רגישות הידרולוגית גבוהה. על פי ״מפת אזורי סכנה למקורות מים כתוצאה מזיהום על ידי דלקים״ של רשות המים, האתר ממוקם באזור רגישות א׳ – אקוויפר ראשי בו הנזק אינו ניתן לתיקון (איור 4).



איור4 : מפת רגישות הידרולוגית, מפלס מי תהום וקידוחי מים

3 ביצוע העבודה

חקירת הקרקע וגז הקרקע בוצעה בחודשים מרץ-יולי 2020, קידוחי ניטור מי תהום הותקנו ונדגמו בחודשים אפריל – מאי 2020. לאחר קבלת ממצאי החקירה הראשונית ובאישור מזמין העבודה והמשרד להגנת הסביבה, בוצע בחודש יוני ויולי 2020 שני סבבים של קידוחי קרקע לתיחום, לצורך להשלמת התיחום האופקי והאנכי של מוקדי הזיהום. בהתאם להתייחסות המשרד להגנת הסביבה (סימוכין 5), בוצע בחודש ספטמבר 2020 סבב שלישי של קידוחי תיחום, עד להשלמת התיחום האופקי והאנכי של מוקדי הזיהום בפוליגון השחור.

3.1 קידוחי קרקע

193 קידוחי קרקע בוצעו בשטח הפוליגון השחור, בתאים מספר 10, 13, 15 ובחלק מתאים מס׳ 9, 11 ו- 12, לעומק של 3-7.5 מ׳ מתחת לפני השטח. קידוחי הקרקע בוצעו במוקדי הזיהום הפוטנציאליים באתר ובהתאם לתכנית הדיגום המאושרת (סימוכין 1). בנוסף, מתוך 193 הקידוחים שבוצעו, 52 קידוחי קרקע בוצעו בהתאם לממצאי החקירה הראשונית וזאת למטרת תיחום הזיהום כפי שנתגלה בשישה מוקדים בשטח הפוליגון השחור, ועשרה (10) קידוחים חדשים נוספים (וקדיחה חוזרת של שלושה קידוחים קיימים לצורך העמקה) בוצעו בשני מוקדי זיהום בשטח הפוליגון השחור, בהתאם לדרישת המשרד להגנת הביבה, לצורך השלמת התיחום האופקי והאנכי.
הקדיחה נעשתה באמצעות דחיקה ישירה (Direct Push) על ידי מכונת Geoprobe, הקידוחים בוצעו ללא שימוש בנוזלי קדיחה ו/או חומרי סיכה. דיגום הקרקע נעשה בהתאם להנחיות המשרד להגנת הסביבה, ע״י דוגמים מוסמכים של חב׳ KTE. דגימות קרקע נלקחו מהעומקים הנדרשים תוך דיגום בלתי מופר, מניעת זיהום צולב, התאמה לסוג הקרקע/תשתית, יצירת כמות פסולת קטנה ככל הניתן וטיפול מינימלי בדגימה טרם הכנסתה לכלים המתאימים. קביעת דגימות לשליחה לאנליזה כימית במעבדה מוסמכת בוצעה בהתאם לקריאות ה-PID שהתקבלו בשטח, כנדרש על פי הנחיות המשרד להגנת הסביבה (מעבדת ALS CR מעבדה ראשית, ומעבדת ALS UK, מעבדה משנית).

פירוט קידוחי הקרקע וגז הקרקע אשר בוצעו בשטח הפוליגון המערבי מוצג בטבלה 1 ואיור5 להלן.

3.1.1 דיגום קרקע בתווך הרווי

בהתאם לבקשת מזמין העבודה ולהתייחסות המשרד להגנת הסביבה מיום 23.07.2020 (סימוכין 4), במסגרת קידוחי התיחום שבוצעו בפוליגון השחור, בקידוחים בהם ממצאי השדה העלו חשד לזיהום בוצע דיגום קרקע גם בתווך הרווי בעומק של 0.5 מ׳ מתחת למפלס המים בשיטת דחיקה ישירה. דיגום מסוג זה היה רלוונטי רק לקידוח 10.16 וממצאיו מפורטים בהרחבה בסעיף 4.1.1 בהמשכו של מסמך זה.

3.2 קידוחי גז קרקע אקטיבי

18 קידוחי גז קרקע נעשו בשטח הפוליגון השחור, באמצעות דחיקה ישירה (Direct Push) על ידי מכונת Geoprobe, לעומק של כ-1.5 מ׳ מתחת לפני הקרקע. 16 קידוחים אשר תוכננו באזור הדרומי של הפוליגון השחור לא הותקנו (איור5), באזור זה הקרקע היתה בעלת רטיבות גבוהה, בוצעו 3 ניסיונות שלא צלחו להתקנת קידוחי גז קרקע. ביצוע הקידוחים ודיגום גז הקרקע בשיטה האקטיבית נעשו על ידי חברת KTE, בעלת ההסמכה הדרושה של המשרד להגנת הסביבה. אנליזות כימית של מרכיבי הגז נעשו במעבדתALS California המוסמכת, על פי שיטת EPA TO-15 ברגישות המיועדת למגורים של 1ppbv, בהתאם להנחיות המשרד להגנת הסביבה. בנוסף, הדיגום כלל אבטחת

איכות בהתאם להנחיות המשרד להגנת הסביבה, הכוללים בין היתר: בלאנק שיטה, בלאנק ציוד, בלאנק מסע, חזרות, וטופס שרשרת משמורת.

טבלה 1: פירוט קידוחי קרקע וגז קרקע אקטיבי בשטח הפוליגון המערבי

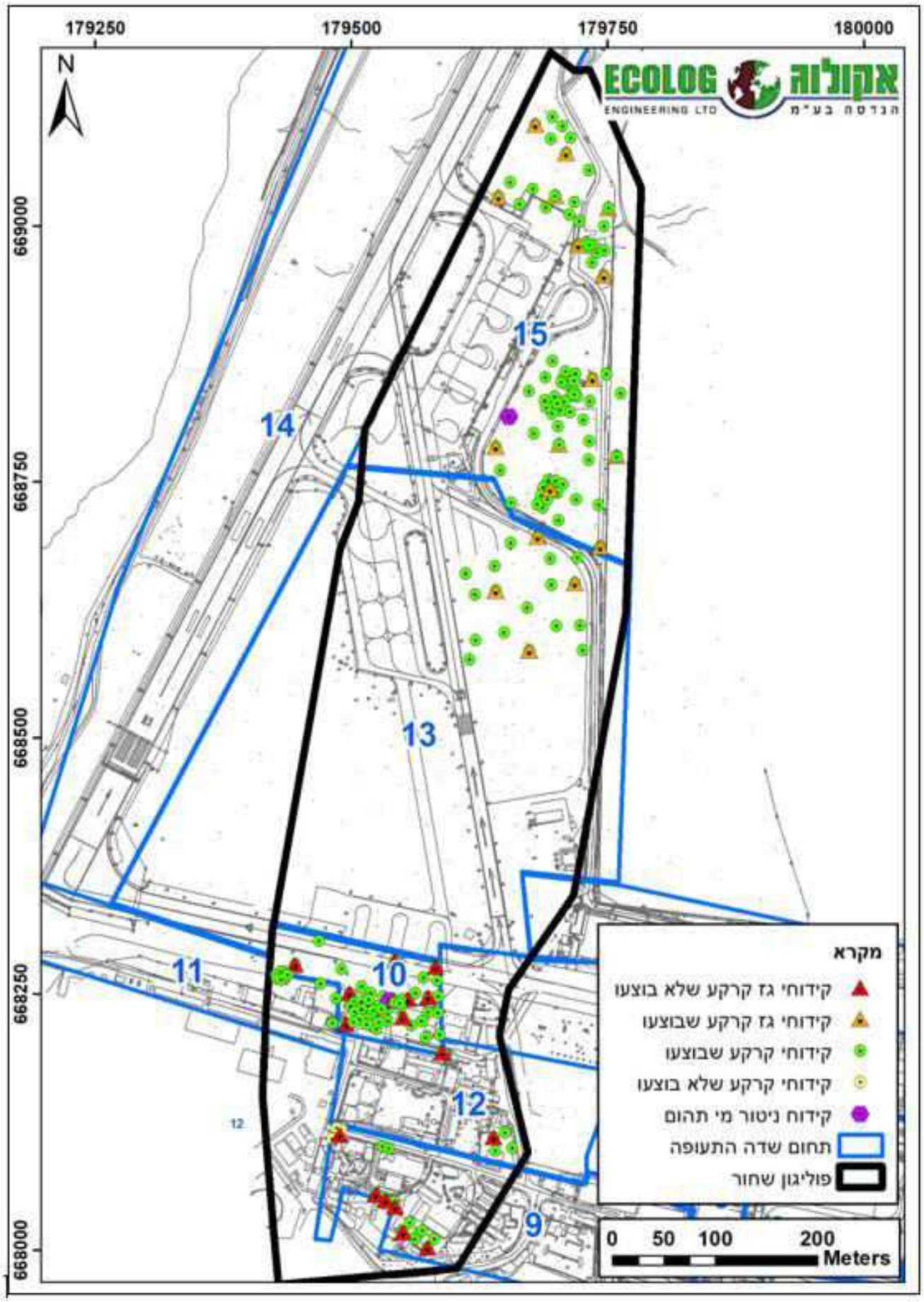
מוקד	תיאור מוקד	קידוח קרקע	עומק מתוכנן	קידוח גז קרקע	דיגום גז קרקע (מ')	X	Y	הערות
9	מוסך רכבים תפעוליים	9.1	3	SG-9.1	1.5	179524	668055	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		9.2	3			179530	668052	
	מחסן צבעים	9.3	3	SG-9.3	1.5	179534	668049	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
	מחסן חומ"ס	9.4	3			179541	668047	
	סככת סיכה	9.5	3	SG-9.5	1.5	179543	668043	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
	תחנת כח	9.6	3			179565	668015	
		9.7	3			179581	668011	
		9.8	3			179569	668019	
		9.9	3			179557	668027	
		9.1	3	SG-9.10	1.5	179550	668018	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		9.11	3			179561	668011	
		9.12	3	SG-9.12	1.5	179574	668003	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
	אירוע דליפה 2004	9.17	3			179484	668114	קידוחי קרקע וגז קרקע שלא בוצעו בעקבות קרקע רטובה מאוד
		9.18	3	SG-9.18	1.5	179489	668113	
		9.19	3			179490	668119	
		9.2	3			179485	668120	
		9.21	3			179481	668109	
		9.22	3			179530	668101	
		9.23	3			179536	668100	
10	מתחם צבאי	10.1	3	SG-10.1	1.5	179582	668277	נדגם עד 4.2 מ'. קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		10.2	3			179583	668264	נדגם עד 4.2 מ'
		10.3	3			179585	668248	
		10.4	3			179585	668232	
		10.5	3			179586	668210	
		10.6	3	SG-10.6	1.5	179589	668193	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		10.7	3			179570	668266	נדגם עד 4.2 מ'
		10.8	3	SG-10.8	1.5	179575	668247	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		10.9	3			179575	668232	
		10.1	3			179568	668224	
		10.11	3			179572	668208	
		10.12	3			179559	668219	
		10.13	3	SG-10.13	1.5	179550	668228	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה

מוקד	תיאור מוקד	קידוח קרקע	עומק מתוכנן	קידוח גז קרקע	דיגום גז קרקע (מ')	X	Y	הערות
		10.14	3			179562	668251	נדגם עד 4.2 מ'
		10.15	3	SG-10.15	1.5	179555	668246	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		10.16	3			179547	668241	נדגם שלוש פעמים, במסגרת תיחום זיהום
		10.16-1	3			179548	668238	קידוחי תיחום לקידוח K-10.16 בו נתגלו חריגות בריכוזי עופרת ו-TPH
		-12.16	3			179542	668242	
		10.16-3	3			179548	668245	
		10.17	3			179510	668258	
		10.18	3			179518	668251	
		10.19	10			179531	668248	נדגם עד 4 מ'
		10.2	3	SG-10.20	1.5	179498	668251	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		10.21	3			179502	668239	
		10.21-1	3			179502	668242	קידוחי תיחום לקידוח K-10.21 בו נתגלו חריגות בריכוזי ה-TPH
		10.21-2	3			179499	668238	
		10.21-3	3			179506	668238	
		10.21-4	3			179510	668243	
		10.21-5	3			179510	668235	
		10.21-6	3			179503	668233	
		10.22	3			179515	668231	נדגם עד 4.5 מ'
		10.22-1	3			179515	668234	קידוחי תיחום לקידוח K-10.22 בו נתגלו חריגות בריכוזי ה-TPH
		10.22-2	3			179511	668229	
		10.22-3	3			179518	668229	
		10.22-4	3			179516	668239	
		10.22-5	3			179521	668234	
		10.22-6	3			179515	668226	
		10.22-7	3			179508	668226	
		10.22-8	3			179517	668245	
		10.22-9	3			179525	668229	
		10.22-10	3			179529	668236	
		10.22-11	3			179502	668223	
		10.22-12	3			179515	668220	
		10.22-13	3			179527	668223	
		10.23	3			179524	668239	
		10.24	3			179536	668237	
		10.25	3			179536	668224	
		10.26	3			179524	668216	
		10.27	3	SG-10.27	1.5	179495	668222	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		10.28	3	SG-10.28	1.5	179543	668283	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		10.29	3			179490	668275	
		10.3	3			179468	668302	
		10.31	3	SG-10.31	1.5	179445	668279	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
11		11.17	3			179434	668268	
		11.17-1	3			179430	668268	
		11.17-2	3			179435	668265	

מוקד	תיאור מוקד	קידוח קרקע	עומק מתוכנן	קידוח גז קרקע	דיגום גז קרקע (מ')	X	Y	הערות
		11.17-3	3			179435	668272	קידוחי תיחום לקידוח K-11.17 בו נתגלו חריגות בריכוזי ה-TPH
		11.17-4	3			179431	668272	
		11.17-5	3			179426	668269	
		11.17-6	3			179427	668265	
		11.17-7	3			179431	668264	
		11.17-8	3			179438	668269	
		K-11.17-9	3			179440	668272	קידוחי תיחום נוספים (ספטמבר 2020) לקידוח K-11.17 בו נתגלו חריגות בריכוזי ה-TPH
		K-11.17-10	3			179439	668266	
		K-11.17-11	3			179442	668269	
		11.18	3			179470	668260	
		11.19	3			179485	668246	
		11.2	3			179482	668222	
12	מתחם צבאי	12.1	3	SG-12.1	1.5	179639	668111	קידוח גז קרקע לא הותקן בשל רטיבות קרקע גבוהה
		12.2	10			179650	668115	
		12.3	3			179657	668100	
		12.4	3			179641	668097	
13	חניית מטוסים	13.1	3			179620	668641	
		13.2	10			179672	668628	נדגם עד 7.5 מ', נעצר עם הגעה למי תהום
		13.3	3			179695	668650	
		13.4	3	SG-13.4	1.5	179641	668644	
		13.5	3			179640	668668	
		13.6	3			179694	668675	
		13.7	3			179656	668691	
		13.8	3	SG-13.8	1.5	179682	668697	
		13.9	3			179700	668610	
		13.1	3	SG-13.10	1.5	179674	668585	
		13.11	3			179649	668603	
		13.12	3			179621	668596	
		13.13	3			179723	668610	
		13.14	3	SG-13.14	1.5	179718	668652	נדגם פעמיים, פעם שניה נדגם לצורך נטילת דוגמאות לאנליזת VOC ו SVOC
		13.15	3			179726	668586	
		13.16	3			179615	668577	
		13.17	3			179612	668661	
		13.18	3			179720	668677	
15	שטח טבעי מסביב למסלולים	15.1	3	SG-15.1	1.5	179679	669099	נדגם פעמיים, פעם שניה נדגם לצורך נטילת דוגמאות לאנליזת VOC ו SVOC
		15.2	3			179694	669086	
		15.3	3	SG-15.3	1.5	179710	669071	
		15.4	3			179732	669055	
		15.5	3			179696	669107	
		15.6	3			179706	669098	

מוקד	תיאור מוקד	קידוח קרקע	עומק מתוכנן	קידוח גז קרקע	דיגום גז קרקע (מ')	X	Y	הערות
		15.7	3			179714	669086	
		15.8	3			179655	669043	
		15.9	3			179677	669036	
		15.1	3	SG-15.10	1.5	179699	669030	
		15.11	3			179718	669024	
		15.12	10			179713	669011	נדגם עד 7.5 מ'
		15.13	3			179690	669018	
		15.14	3			179664	669021	
		15.15	3	SG-15.15	1.5	179644	669029	
		15.16	3			179722	669005	
		15.17	3	SG-15.17	1.5	179722	668982	
		15.18	3	SG-15.18	1.5	179751	669017	נדגם פעמיים, פעם שניה נדגם לצורך נטילת דוגמאות לאנליזת VOC ו SVOC
		15.19	3			179747	669000	
	שטח טבעי מסביב למסלולים	15.22	3			179763	668837	
		15.23	3	SG-15.23	1.5	179759	668775	נדגם פעמיים, פעם שניה נדגם לצורך נטילת דוגמאות לאנליזת VOC ו SVOC
		15.24	3	SG-15.24	1.5	179743	668687	
		15.25	3			179741	668728	
		15.26	3			179702	668713	
		15.27	3			179719	668733	
	אתר פסולת דרומי	15.28	3			179732	668772	
		15.29	3			179726	668811	
		15.3	3	SG-15.30	1.5	179735	668851	
		15.31	3	SG-15.31	1.5	179698	668826	
		15.31-1	3			179695	668828	קידוחי תיחום לקידוח K-15.31 בו נתגלו חריגות בריכוזי העופרת. בקידוחים K-15.31-3 ו- K-15.31-8 בוצעה העמקה לצורך השלמת תיחום אנכי של זיהום מסוג מתכות (עופרת). בקידוח K-15.31-1 לא ניתן היה להעמיק עקב שכבה בלתי חדירה
		15.31-2	3			179698	668823	
		15.31-3	3			179701	668827	
		15.31-4	3			179689	668830	
		15.31-5	3			179698	668834	
		15.31-6	3			179707	668829	
		15.31-7	3			179704	668820	
		15.31-8	3			179696	668817	
		15.31-9	3			179690	668823	
		15.32	3	SG-15.32	1.5	179703	668787	נדגם פעמיים, פעם שניה נדגם לצורך נטילת דוגמאות לאנליזת VOC ו SVOC
		15.55	3			179733	668829	
		15.56	3			179702	668804	
		15.57	3			179732	668790	
		15.58	3			179718	668836	
		15.58-1	3			179718	668840	קידוחי תיחום לקידוח K-15.58 בו נתגלו חריגות בריכוזי העופרת
		15.58-2	3			179714	668834	
		15.58-3	3			179720	668833	

מוקד	תיאור מוקד	קידוח קרקע	עומק מתוכנן	קידוח גז קרקע	דיגום גז קרקע (מ')	X	Y	הערות
		15.59	3			179714	668819	
	שטח טבעי מסביב למסלולים	15.33	3			179678	668797	
		15.34	3			179656	668730	
		15.35	3			179645	668762	
		15.36	3	SG-15.36	1.5	179641	668785	
		15.37	3			179657	668814	
		15.38	3			179673	668839	
		15.39	3			179689	668853	נדגם עד 6 מ'
		15.4	3			179696	668868	נדגם עד 6 מ'
		15.41	3			179749	668856	
	מטווח	15.42	3			179692	668752	
		15.43	3			179699	668751	
		15.44	3			179706	668748	
		15.45	3			179687	668745	
		15.46	3	SG-15.46	1.5	179694	668743	נדגם פעמיים, פעם שניה נדגם לצורך נטילת דוגמאות לאנליזת VOC ו SVOC
		15.47	3			179701	668740	
		15.48	3			179687	668725	
		15.49	3			179685	668737	
		15.5	3			179691	668733	
		15.51	3			179681	668728	
	אתר פסולת צפוני	15.2	3			179747	668977	
		15.21	3	SG-15.21	1.5	179747	668952	
		15.52	3			179732	668982	
		15.52-1	3			179729	668984	קידוחי תיחום לקידוח K-15.52 בו נתגלו חריגות בריכוזי ה-TPH
		15.52-2	3			179736	668982	
		15.52-3	3			179732	668979	
		15.53	3			179735	668965	
		b15.53	3			179739	668974	
		15.54	3			179710	668849	
		15.54-1	3			179710	668846	קידוחי תיחום לקידוח K-15.54 בו נתגלו חריגות בריכוזי העופרת ו-TPH. קידוחי התיחום נקדחו מחדש לצורך השלמת אנליזות TPH שלא בוצעו קודם לכן בשל תקלה במעבדה.
		15.54-2	3			179713	668853	
		15.54-3	3			179707	668852	
		15.54-4	3			179705	668847	
		15.54-5	3			179709	668858	
		15.54-6	3			179718	668856	
		15.54-7	3			179717	668849	



איור5 : מפת מיקום קידוחי הקרקע, גז הקרקע ומי תהום, שבוצעו בשטח הפוליגון השחור.

3.2.1 אנליזות מעבדה

טבלה 2: פירוט השיטות האנליטיות לביצוע אנליזה כימית לדגימות קרקע.

פרמטר	שיטה הכנה	שיטה אנליטית
TPH-ORO, DRO	EPA 5021	EPA 8015
מתכות (מיצוי חומצי)	3051A/3050B	EPA 6010 D, 6020A
VOC's	EPA 5021	EPA 8260B
SVOC (כולל PAH)	-	EPA 8270C

כל האנליזות בוצעו במעבדות ALS המוסמכות מטעם הרשות הלאומית להסמכת מעבדות.

3.3 ניטור מי תהום

שני (2) קידוחי ניטור למי תהום בוצעו בשטחו של הפוליגון השחור בחודשים אפריל – מאי 2020. הקידוחים בוצעו לעומק של 5 מ' מתחת למפלס מי התהום ודיגום המים בוצע בעומק של 1-2 מ' מתחת למפלס המים. התקנת הבארות ודיגום מי תהום בוצע באמצעות מעבדת דיגום מוסמכת KTE, בהתאם לתכנית הדיגום המאושרת (סימוכין 1) ולהנחיות רשות המים. פריסת קידוחי ניטור מי תהום בשטח הפוליגון המערבי מוצגת בטבלה 3 ואיור5 לעיל.

טבלה 3: פירוט קידוחי ניטור מי תהום בשטח הפוליגון המערבי

מוקד	שם קידוח מי תהום	עומק הקידוח [מ']	עומק דיגום מים [מ']	נ.צ	
				Y	X
15	**GW-15**	14	1-2 מ' מתחת למפלס מי התהום	668814	179654
10	**GW-10**	9		668244	179537

4 ממצאי הסקר

ביצוע הסקר כלל מס׳ רב של קידוחים, לשם נוחות הקריאה והצגה סיכום התוצאות מובא בסוף דוח זה. סיכום תוצאות ממצאי שדה מסקר הקרקע מוצג בטבלה 4-טבלה 9, סיכום ממצאי אנליזות TPH בקידוחי הקרקע מוצג ב-טבלה 15, סיכום ממצאי אנליזות מתכות מוצג בטבלה 16-טבלה 21, סיכום ממצאי אנליזות נדיפים מוצג בטבלה 22 וחצי נדיפים בטבלה 23. סיכום תוצאות אנליזות לגזי קרקע מוצג בטבלה 24, וסיכום ממצאי ניטור מי תהום בטבלה 25.

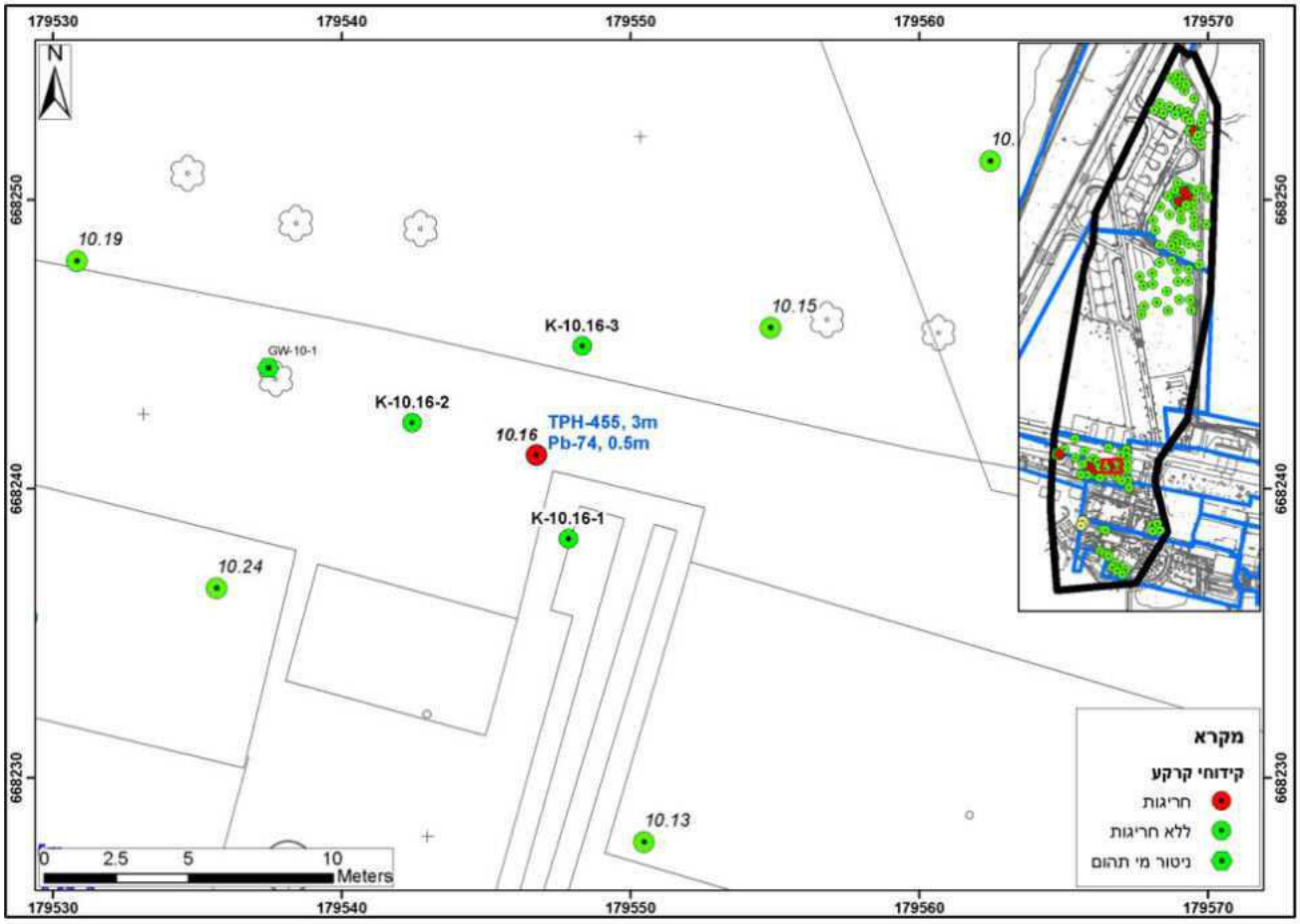
4.1 ממצאי חקירת קרקע

להלן סיכום ממצאי החקירה בהתאם למוקדים בהם נתגלו חריגות בריכוזי המזהמים:

4.1.1 מוקד קידוח קרקע 10.16

בקידוח קרקע 10.16 נמצא זיהום TPH נקודתי בעומק של 3 מ׳, בריכוז של 455 מ״ג/ק״ג, כאשר ערך הסף הינו 350 מ״ג/מ״ק. בנוסף לכך, בעומק 0.5 מ׳ נמצא זיהום נקודתי בעופרת, בריכוז של 74 מ״ג/ק״ג ו- 145 מ״ג/ק״ג בדיגום שני שבוצע במסגרת תיחום הזיהום מחודש יוני 2020 (איור 6). במוקד זה, על פי הסקר ההיסטורי (אדסה, יולי 2016) פעלה סככת סיכה, ואזור לאחסון חביות לאיסוף חומ״ס משומש. לצורך תיחום המזהמים TPH ועופרת בוצעו 3 קידוחי קרקע נוספים בחודש יולי 2020.

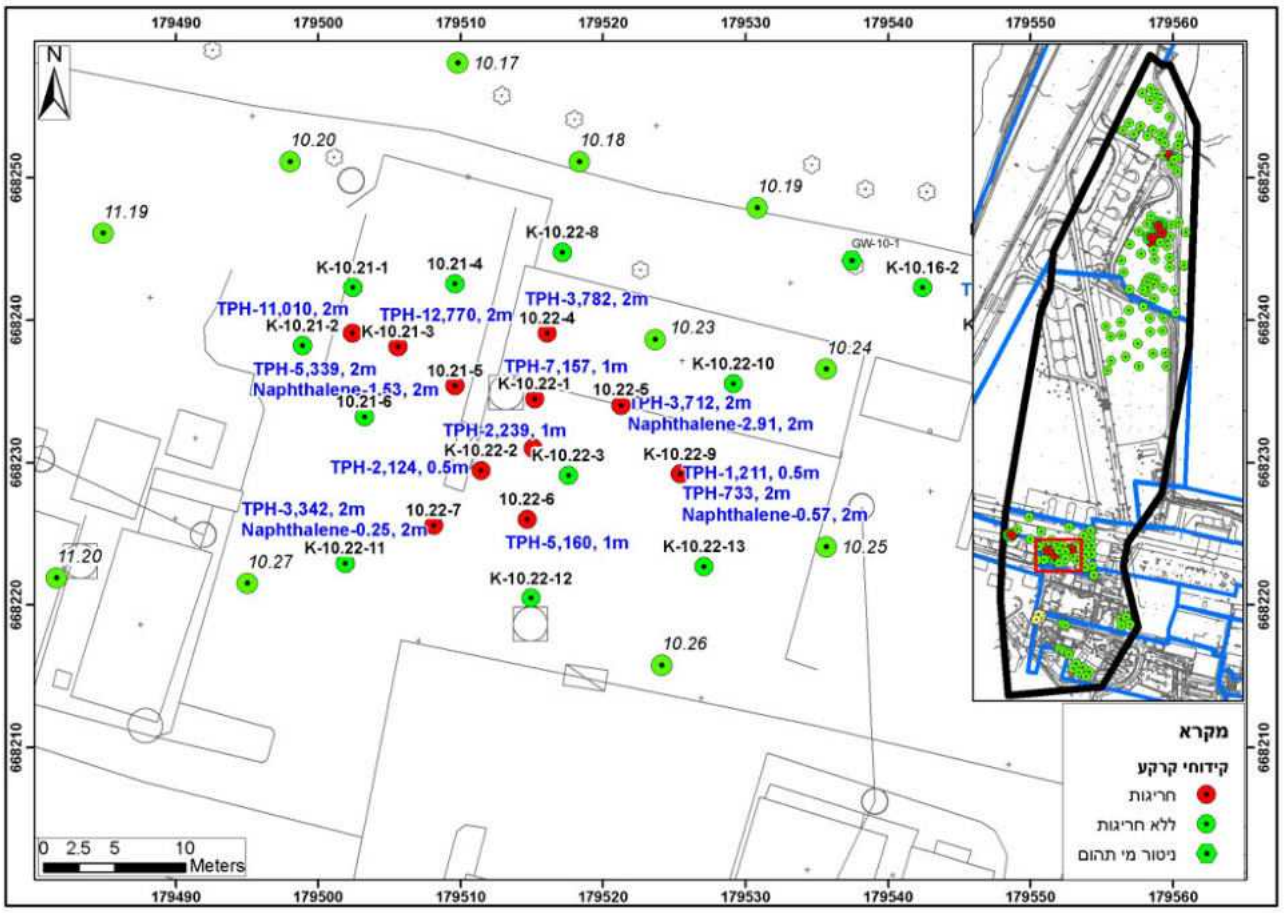
התפרסותו האופקית של הזיהום תוחמה, ובשלושת קידוחי התיחום לא נמצאו חריגות מערכי המטרה לעופרת ו-TPH. תיחום אנכי לעופרת בוצע בעומק של 3 מ׳. תיחום אנכי ל- TPH לא הושלם, והקידוח לא הועמק מעבר ל-3 מ׳, וזאת בשל החשש ליצירת זיהום צולב בשל המצאות קרקע בוצית מאוד וככל הנראה הגעה למפלס מים רדוד בעומק של 3-4 מ׳ (טבלה 11). יש לציין כי בהתאם להנחיית המשרד להגנת הסביבה (סימוכין 4), בוצע דיגום נוסף של קידוח 10.16 במסגרת קידוחי התיחום ובוצע גם דיגום קרקע בתווך הרווי בעומק 0.5 מ׳ מתחת למפלס המים. ניתן לראות כי במהלך הדיגום הנוסף בסבב התיחום השני (מתאריך 28.7.20) ריכוזי ה-TPH שנמדדו בקידוח 10.16 בעומק של 3 מ׳ נמצאו נמוכים מסף הכימות. ככל הנראה, בשל שינוי מפלס ו/או מיהול של הזיהום. בנוסף יש לציין כי שיטת דחיקה ישירה אינה השיטה האידיאלית לביצוע דיגום מסוג זה ומסיבה זו ובשל החשש מגרימת זיהום צולב, לא בוצעה העמקה מעבר ל-3 מ׳ במוקד זה.



איור 6: סיכום ממצאי חקירת קרקע במוקד זיהום TPH ועופרת לקידוח 10.16

4.1.2 <u>מוקד קידוחי קרקע 10.21 ו- 10.22</u>

ממצאי החקירה הראשונית הראו כי בקידוחים 10.21 ו- 10.22 בעומקים של 2 מ' ו- 1 מ' נמצאו חריגות מערכי המטרה ל- TPH, 11,010 מ"ג/ק"ג ו- 2,239 מ"ק/ק"ג (בהתאמה לקידוחים ועומק), כאשר ערך הסף הינו 350 מ"ג/מ"ק. במוקד זה, על פי הסקר ההיסטורי (אדסה, יולי 2016) פעל מוסך רכבים תפעוליים ומחסן שמנים. בעקבות החריגות מערכי המטרה, בוצעו 19 קידוחים נוספים לשם תיחום הזיהום, בשני סבבים של תיחום הזיהום. ממצאי קידוחי התיחום הראו על חריגות נוספות לערכי המטרה עבור TPH ונפתלן. ריכוזי TPH (טבלה 11) היו בטווח של 733- 12,770 מ"ג/ק"ג בהשוואה לערך הסף של 350 מ"ג/ק"ג. ריכוזי נפתלן היו בטווח של 0.57-2.91 מ"ג/ק"ג בהשוואה לערך מטרה (VSL ו- Tier 1 למגורים) של 0.14 מ"ג/ק"ג. במוקד זה בוצע תיחום אופקי של התפרסות הזיהום ותיחום אנכי בעומק של 2.5-3 מ'.

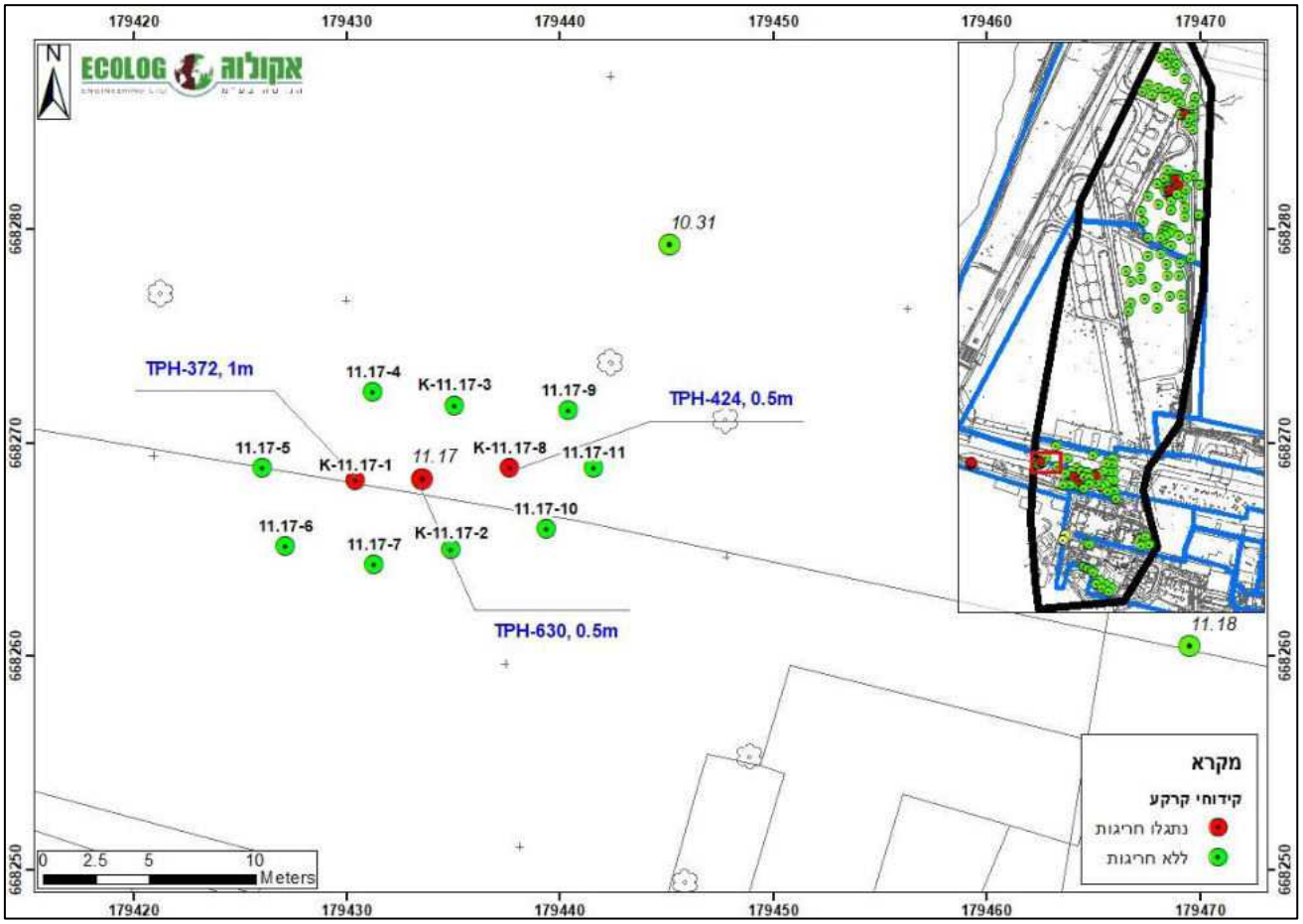


איור 7: סיכום ממצאי חקירת קרקע במוקד זיהום TPH ו SVOC, קידוחי 10.21-10.22

4.1.3 <u>מוקד קידוח קרקע 11.17</u>

ממצאי החקירה הראשונית הראו כי בקידוח 11.17 נמצאה חריגה מערכי המטרה ל- TPH, בעומק 0.5 מ׳ נמצא ריכוז TPH של 630 מ״ג/ק״ג, כאשר ערך הסף הינו 350 מ״ג/מ״ק **(טבלה 12).** באזור זה, על פי הסקר ההיסטורי (אדמה, יולי 2016) לא קיים מוקד זיהום פוטנציאלי, אך הינו סמוך לתעלה המנקזת את אגף הרכב, ובה היה מפריד שמנים. בעקבות ממצאי החקירה הראשונית, בוצעו 8 קידוחי תיחום נוספים, בשני סבבים (חודשים יוני-יולי 2020). בהתאם להתייחסות המשרד להגנת הסביבה (סימוכין 5), בוצעו שלושה (3) קידוחים נוספים במסגרת סבב תיחום שלישי בחודש ספטמבר 2020 לצורך השלמת התיחום האופקי והאנכי במוקד זה.

במוקד זה, הושלם תיחום אנכי בעומק של 3 מ׳, הזיהום שנמצא הינו רדוד, בעומק של כ-0.5 מ׳ עד 1 מ׳, ריכוזי ה TPH שנמצאו הינם בטווח של 372-630 מ״ג/ק״ג. תיחום אופקי של הזיהום הושלם מכל הכיוונים. בהתאם לכך נדרש לבצע שיקום נקודתי בסביבת קידוח 11.17 בהתאם לגבולות התיחום שנקבעו על ידי תשעת (9) קידוחי הקרקע הסובבים אותו (איור 8).



איור 8: סיכום ממצאי החקירה במוקד זיהום TPH, קידוח 11.17

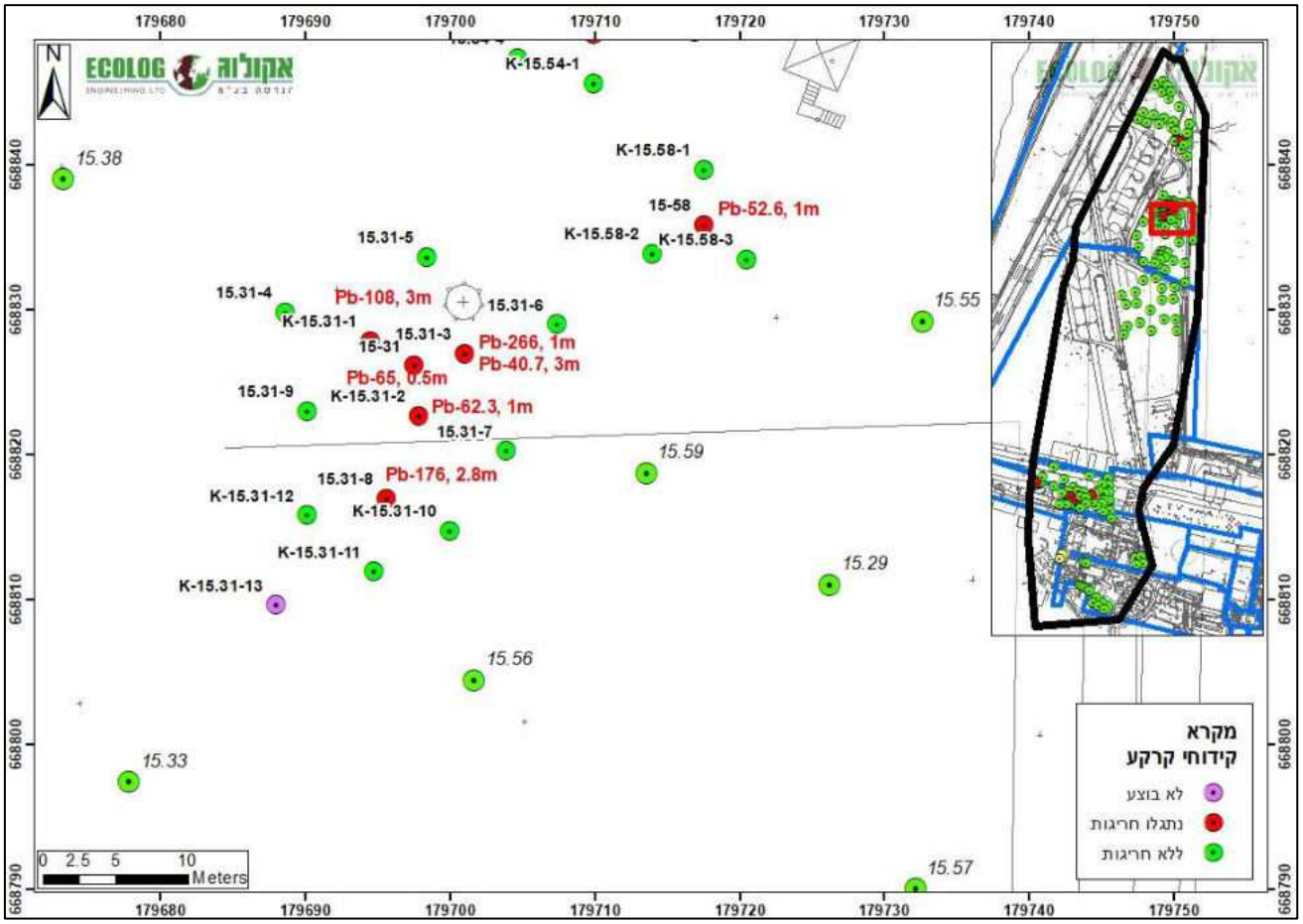
4.1.4 <u>מוקד קידוחים 15.31 ו- 15.58</u>

ממצאי החקירה הראשונית הראו כי בקידוח 15.31 וקידוח 15.58 נמצא בעומק של 0.5 מ׳ ו-1 מ׳ חריגה מערכי המטרה לעופרת (**<u>טבלה 21</u>**). ריכוזי העופרת שנמדדו הינם 65 ו- 52.6 מ״ג/ק״ג (בהתאמה לקידוח ועומק), בהשוואה לערך מטרה VSL ו Tier 1 (<6m) של 40 מ״ג/ק״ג. מוקד זה, על פי ממצאי ההשלמה לסקר היסטורי (גיאופרוספקט, אפריל 2019) היה אתר פסולת אשר בו הושלכו גרוטאות, חלקי מטוסים, חביות חומר מונע קיפאון, חביות שמנים ועוד. גם כיום ניתן לראות במוקד זה שאריות של פסולת, לרבות פסולת ביניין. בעקבות החריגות לעופרת בוצעו 15 קידוחי תיחום, בשלושה סבבים (יוני-ספטמבר 2020). ממצאי החקירה בקידוחי התיחום הראו על חריגות נוספות בריכוז העופרת, אשר נמצא בטווח של 40.7-266 מ״ג/ק״ג ובעומקים של 0.5-3 מ׳.

התפרסות הזיהום סביב קידוח 15.58 תוחמה אופקית ואנכית (איור 9), הזיהום הינו נקודתי בלבד, תיחום אנכי הושג בעומק של 3 מ׳.

התפרסות הזיהום סביב קידוח 15.31 תוחמה אופקית באמצעות שמונה (8) קידוחי תיחום ואנכית, כאשר הריכוזים החורגים נמדדו בעומק של 0.5-3 מ׳ ובעומק 4 מ׳ לא נמדדו חריגות מערכי המטרה. בקידוח 15.31-1 נמצאה חריגה בריכוז העופרת בתחתית הקידוח בעומק 3 מ׳ אך לא ניתן היה להעמיק את הקידוח בשל הגעה לשכבה בלתי חדירה, ככל הנראה גוף פסולת גדול (נעשו מספר ניסיונות בשטח) (איור 9). קידוח 15.31-13 בוצע במסגרת הסבב השלישי של קידוחי התיחום אך מכיוון שממצאי הקידוחים הנוספים לא הראו על חריגות מערכי המטרה, לא היה צורך בביצוע אנליזות קרקע בקידוח זה.

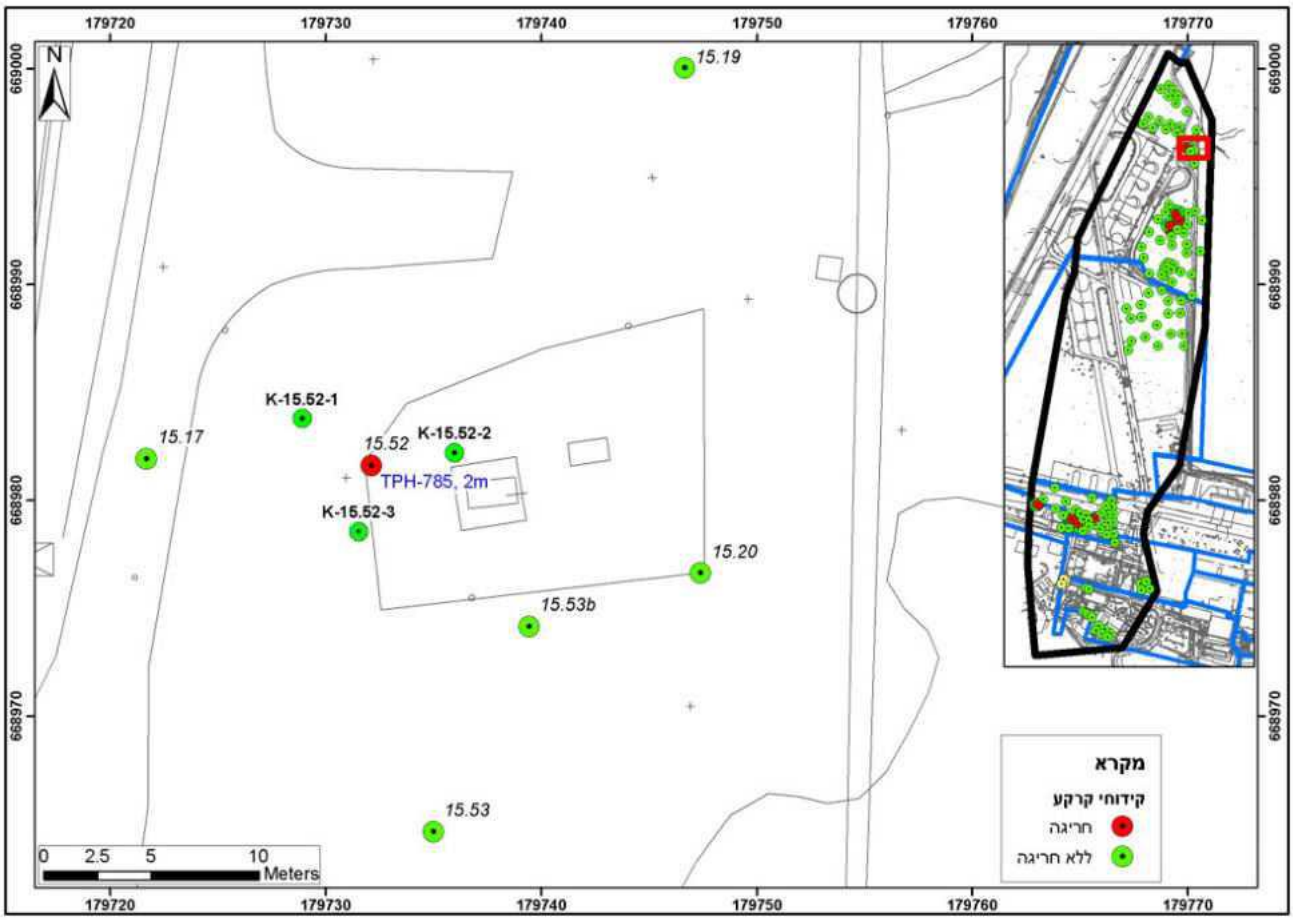
בהתאם לממצאי החקירה, נדרש לבצע פעולות שיקום קרקע על פי גבולות התיחום האופקי והאנכי במוקדים אלה.



איור 9: סיכום ממצאי החקירה במוקד זיהום בעופרת קידוחים 15.31 ו- 15.58

4.1.5 מוקד קידוח 15.52

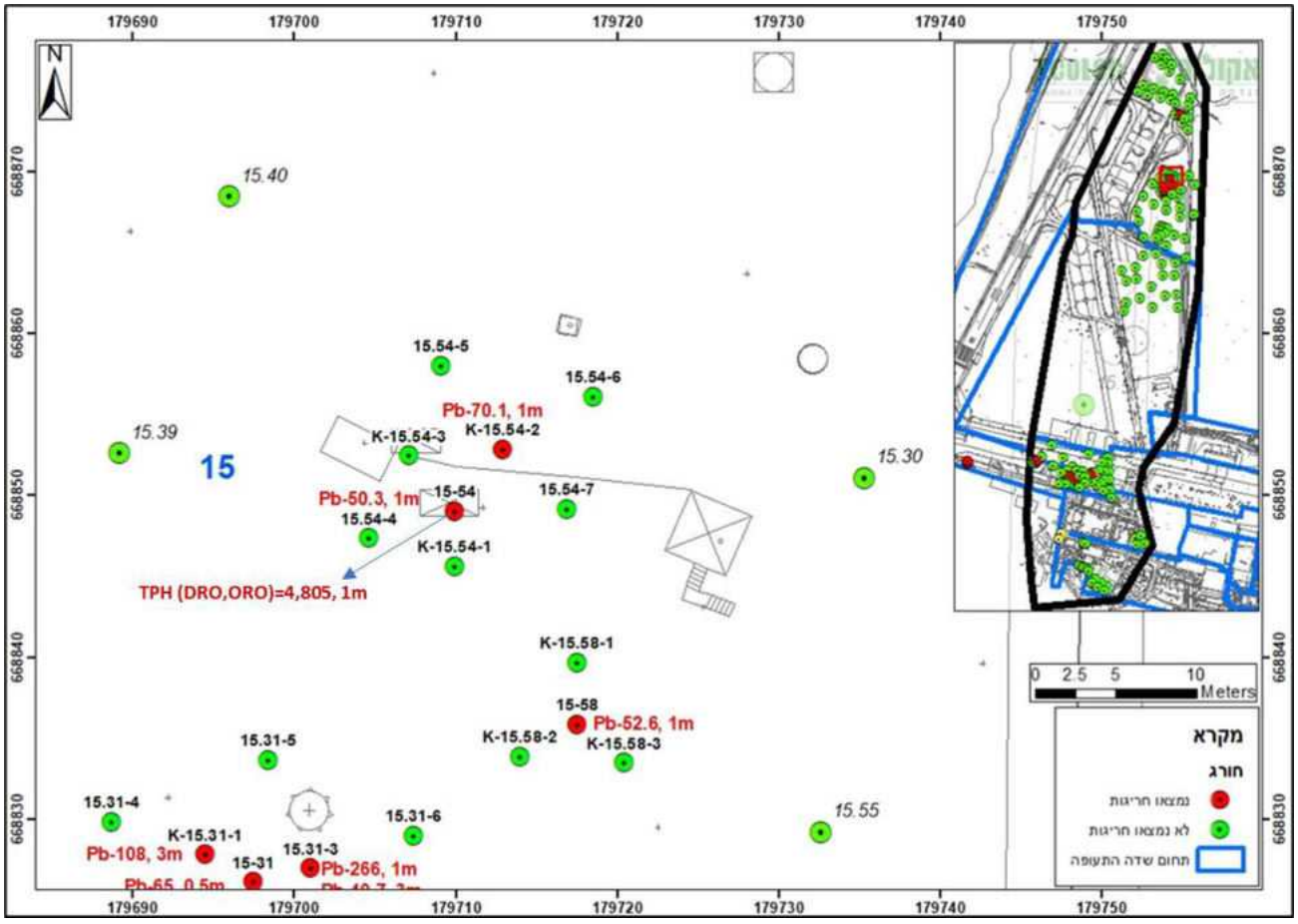
ממצאי החקירה הראשונית הראו כי בקידוח 15.52, נמצאה חריגה מערכי המטרה ל-TPH בעומק של 2 מ', ריכוז ה-TPH שנמצא הינו 785מ"ג/ק"ג, בהשוואה לערך הסף של 350 מ"ג/ק"ג. במוקד זה, על פי ממצאי ההשלמה לסקר היסטורי (גיאופרוספקט, אפריל 2019) היה אתר פסולת אשר בו הושלכו גרוטאות, חלקי מטוסים, חביות חומר מונע קיפאון, חביות שמנים ועוד. בעקבות ממצאי החקירה הראשונית בוצעו 3 קידוחי תיחום. התפרסות הזיהום תוחמה אופקית ואנכית בעומק של 3 מ', הזיהום הינו נקודתי בקידוח 15.52 (איור 10).



איור 10: סיכום ממצאי החקירה במוקד זיהום TPH, קידוח 15.52

4.1.6 <u>מוקד קידוח 15.54</u>

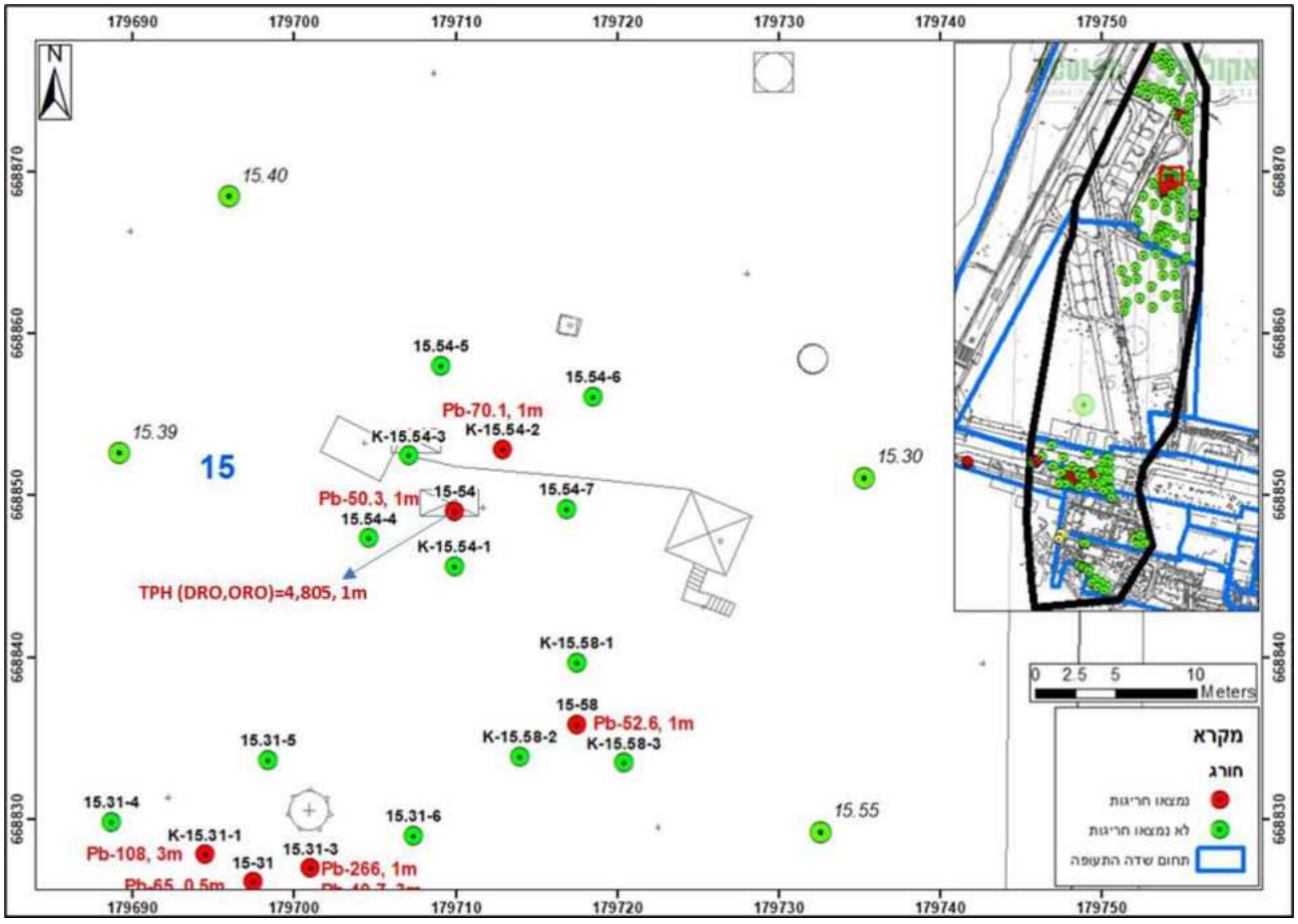
ממצאי החקירה הראשונית הראו כי בקידוח 15.54 נמצאו חריגות מערכי המטרה בעומק של 1 מ': ריכוז ה- TPH שנמדד הינו 4,805 מ"ק/ק"ג, בהשוואה לערך סף של 350 מ"ק/ק"ג, וריכוז העופרת שנמדד הינו 70.1 מ"ג/ק"ג בהשוואה לערך VSL של 40 מ"ג/ק"ג (



איור 11). במוקד זה, על פי ממצאי ההשלמה לסקר היסטורי (גיאופרוספקט, אפריל 2019) היה אתר פסולת אשר בו הושלכו גרוטאות, חלקי מטוסים, חביות חומר מונע קיפאון, חביות שמנים ועוד. בעקבות ממצאי החקירה הראשונית בוצעו 7 קידוחי קרקע נוספים לתיחום הזיהום, בשני סבבים (בחודשים יוני-יולי 2020). אירעה תקלה במעבדה אשר בגינה לא בוצעו חלק מהאנליזות. לצורך השלמת התיחום, ובהתאם לדרישת המשרד להגנת הסביבה (סימוכין 5) בוצע דיגום חוזר של שלושה (3) מקידוחי התיחום בספטמבר 2020.

טווח ריכוזי העופרת שנמצא הינו 50.3 ו- 70.1 מ״ג/ק״ג, זיהום בעופרת תוחם אופקית ואנכית בעומק של 3 מ׳.

ריכוז ה-TPH החורג שנמדד בקידוח 15.54 בלבד בעומק 1 מ׳ (4,805 מ״ג/ק״ג) הינו נקודתי ותוחם אנכית בעומק 3 מ׳ ואופקית באמצעות קידוחי התיחום שסביבו. לפיכך המלצתנו הינה ביצוע שיקום נקודתי לזיהום העופרת וה-TPH שנתגלה במוקד זה, בהתאם לגבולות שמספקים קידוחי התיחום.



איור 11: סיכום ממצאי החקירה במוקד זיהום TPH ועופרת, קידוח 15.54

4.1.7 <u>ריכוזי זירקוניום בקידוחי קרקע</u>

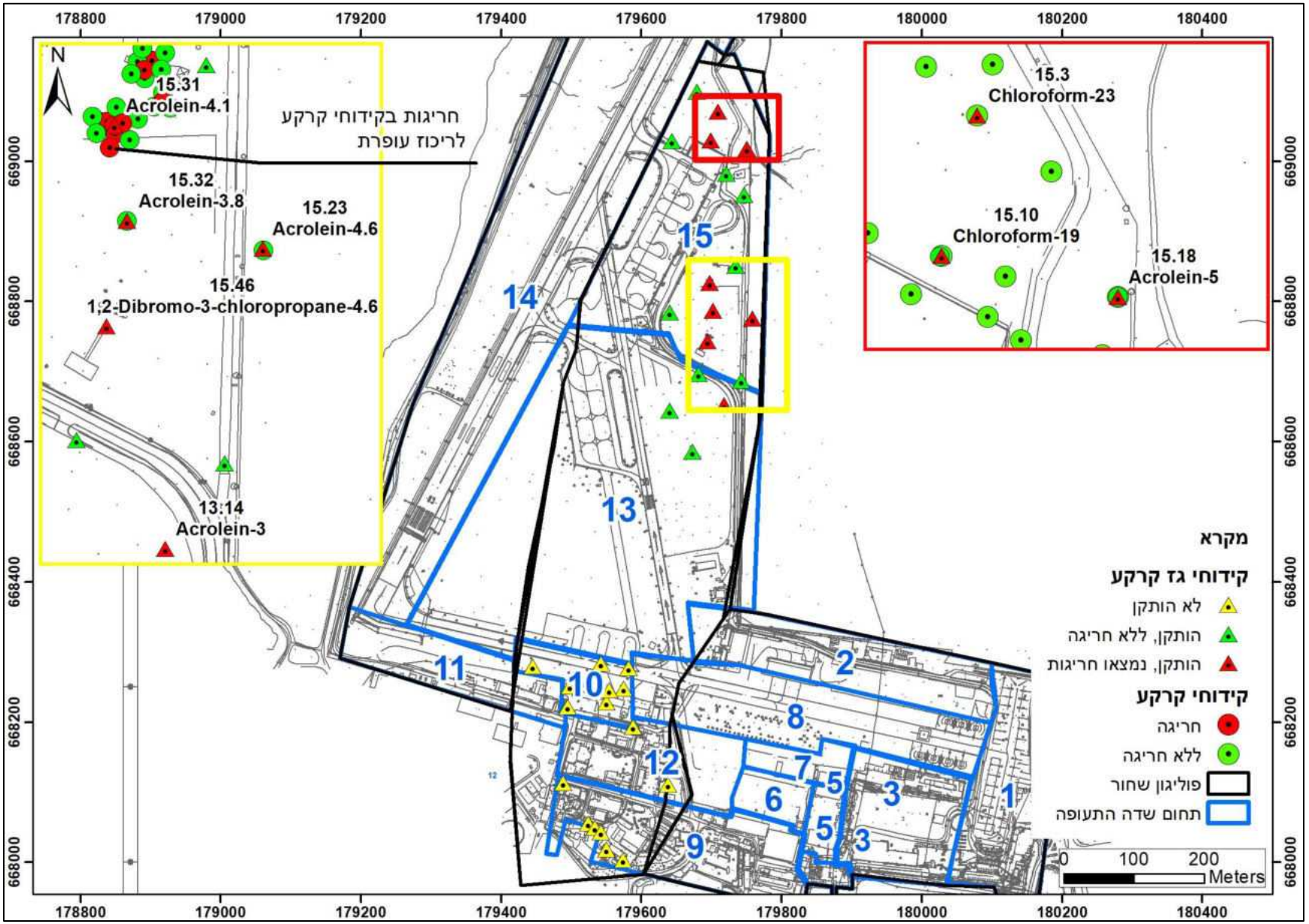
נמצאו 12 קידוחי קרקע בשטח הפוליגון השחור בהם נמדדו ריכוזי הזירקוניום חורגים מערכי המטרה VSL ו- Tier 1 למגורים. טווח ריכוזי הזירקוניום שנמצא בקידוחי הקרקע הינו 8.5-20.8 מ״ג/ק״ג, בהשוואה לערך מטרה של 6.26 מ״ג/ק״ג (VSL ו- Tier 1 למגורים), קידוחי קרקע אלו נמצאו במס׳ אזורים, בתא 13, 10, 11 ו- 15. מלבד קידוחים אלה, במרבית אנליזות המתכות שבוצעו בקידוחי הקרקע באתר נמדד ריכוז הזירקוניום כנמוך מסף הכימות האנליטי של המעבדה, כלומר 5> מ״ג/ק״ג (**טבלה 17**). ממצאי הסקר ההיסטורי (סימוכין 3) אינם מצביעים על שימושים היסטוריים בזרקוניום, ובנוסף בקידוח הרקע נמצא ריכוז זירקוניום של 9.5 מ״ג/ק״ג, אשר חורג גם כן מערכי המטרה (קידוח 1.1 אשר בוצע מחוץ לגבולות שדה דב, בסמוך לגדר המזרחית – ממצאי הקידוח יפורטו במסגרת קידוחי ״הפוליגון המזרחי״ של שדה דב). לפיכך, הערכתינו היא כי הזירקוניום בקידוחים אלה איננו ממקור אנטרופוגני אלא ריכוז רקע טבעי בקרקע, ובהתאם לכך, אין לדעתנו צורך בביצוע תיחום ושיקום במוקדים בהם נמצאו ריכוזי זירקוניום גבוהים.

4.2 ממצאי חקירת גז קרקע

בדיגום גז קרקע נמצאו 8 קידוחי גז קרקע בהם נמצאו חריגות מערכי המטרה (איור 12). להלן פירוט החריגות שנמדדו:

- בקידוחים 15.18, 15.31, 15.32, 15.23 ו-13.14 נמצאו חריגות מערך המטרה למזהם Acrolein, טווח הריכוזים שנמדד הינו 3-5 מק״ג/מ״ק, בהשוואה לערך מטרה של 2.78 מק״ג/מ״ק ;
- בקידוחים 15.10 ו- 15.3 נמצאו חריגות מערך המטרה למזהם כלורופורם, טווח הריכוזים שנמדד הינו 19-23 מק״ג/מ״ק, בהשוואה לערך מטרה של 16.28 מק״ג/מ״ק ;
- בקידוח 15.46, נמצאה חריגה מערך המטרה למזהם 1,2 Dibromo-3-chloropropane, הריכוז שנמדד הינו 4.6 מק״ג/מ״ק בהשוואה לערך סף של 0.062 מק״ג/מ״ק.

בעקבות החריגות בבדיקות גזי קרקע, בוצעו בקידוחים 15.32, 15.23, 15.18, 15.46, ו- 13.14 קידוחי קרקע נוספים, ובהם בוצעו אנליזות VOC ו SVOC. בקידוחים 15.23, 15.18 ו- 15.46 נמצאו תרכובות מסוג SVOC ו VOC (**טבלה 22**, **טבלה 23**), אך בריכוזים נמוכים מערכי המטרה VSL, וביתר הקידוחים לא נמדדו כלל ערכים מעל לסף הגילוי האנליטי. בקידוחים 15.10, 15.31 ו- 15.3, בהם נמצאו חריגות גזי קרקע למזהם כלורופורם ואקרוליין, קריאות PID בקידוחי הקרקע היו נמוכות מאוד (עד כ- 1PPM) ועל כן לא בוצעו בקידוחים אלו דגימות קרקע לאנליזת SVOC/VOC. אין לדעתנו צורך בהמשך חקירה במוקדים בהם נמצאו חריגות מערכי מטרה לגזי קרקע.



איור 12: סיכום ממצאי חקירת גזי קרקע בפוליגון השחור

4.3 חקירת מי התהום

בקידוח לניטור מי תהום שהותקן בתא 15 (GW-15) לא נמצאו ריכוזי מזהמים חורגים מערכי המטרה. בקידוח לניטור מי תהום שהותקן בתא 10 (GW-10) נמצאו חריגות מתקני מי שתייה לשלושה פרמטרים (**טבלה 25**):

- מנגן, ריכוז של 0.452 מג״ל בהשוואה לתקן של 0.2 מג״ל.
- אלומיניום, ריכוז של 0.233 מג״ל בהשוואה לתקן של 0.2 מג״ל.
- דיכלורומתאן, ריכוז של 300 מקג״ל, בהשוואה לתקן של 5 מקג״ל.

קידוח GW-10 למי התהום נמצא בסמוך לקידוח 10.16 וקידוחי התיחום שבוצעו סביבו. בקידוחי קרקע אלו לא נמצאו חריגות מערכי המטרה למתכות מנגן ואלומיניום. מוערך כי מקורם של ריכוזי המתכות הינו טבעי. וכמו כן, לא נמצא דיכלורומתאן בריכוזים הגבוהים מסף הכימות האנליטי.

5 סיכום והמלצות

סקר קרקע וגז קרקע אקטיבי וניטור מי תהום בוצעו בחלקו המרכזי (הפוליגון השחור) של אתר שדה דב בין החודשים מרץ - ספטמבר 2020. קידוחי ניטור מי תהום הותקנו ונדגמו בחודשים אפריל – מאי 2020. לאחר קבלת ממצאי החקירה הראשונית ובאישור מזמין העבודה והמשרד להגנת הסביבה, בוצעו בחודשים יוני-יולי 2020 שני סבבים של קידוחי קרקע לתיחום, ובהתאם לדרישת המשרד להגנת הסביבה בוצע סבב שלישי בחודש ספטמבר 2020, עד להשלמת התיחום האופקי והאנכי של מוקדי הזיהום בפוליגון השחור.

החקירה כללה ביצוע של 193 קידוחי קרקע לעומק של 3-7.5 מ׳ מתחת לפני הקרקע, 18 קידוחי גז קרקע לעומק של 1.5 מ׳ ושני (2) קידוחי ניטור למי התהום בתאי שטח 10 ו-15, להלן עיקר ממצאי הסקר:

- ממצאי דיגום הקרקע מראים כי באנליזות ה-TPH ומתכות שבוצעו בקידוחי הקרקע נתגלו 6 מוקדים בהם נמצאו חריגות מערכי המטרה ל- TPH ועופרת. מוקדים אלו הינם בסביבת הקידוחים:
  - קידוח 10.16, מוקד זיהום TPH באתר בו פעלה סככת סיכה ואזור אחסון חביות חומ״ס משומש.
  - קידוחים 10.21-10.22, מוקד זיהום TPH ונפתלן באתר בו מוסך רכבים תפעוליים ומחסן שמנים.
  - קידוח 11.17, מוקד זיהום ב- TPH באזור ללא מוקד זיהום פוטנציאלי על פי הסקר היסטורי, אך בסמוך לתעלת ניקוז מאגף רכב.
  - קידוח 15.31 ו- 15.58, מוקדי זיהום בעופרת באתר הפסולת.
  - קידוח 15.52, מוקד זיהום TPH, באתר הפסולת.
  - קידוח 15.54, מוקד זיהום עופרת ו- TPH באתר הפסולת.
- בששת מוקדי זיהום קרקע שתוארו לעיל בוצעו שלושה סבבים של דיגום קידוחי קרקע נוספים לתיחום הזיהום, במוקדים אלו יש לבצע פעולות שיקום קרקע, בהתאם לתיחום אופקי ואנכי וכפי שמומלץ בטבלה להלן:

מוקד זיהום וקידוח קרקע	סיכום ממצאים והמלצות להמשך
10.22/10.21	הושלם תיחום אופקי ותיחום אנכי לזיהום בעומק של 3 מ׳.
15.31	הושלם תיחום אופקי ואנכי בעומק 4 מ׳. ישנם גופי פסולת גדולים במוקד, המלצתנו הינה ביצוע סקר פסולת לאיפיון ופינוי הפסולת מהאתר במסגרת ביצוע פעולות השיקום במוקד זה.
15.58	הושלם תיחום אופקי ואנכי בעומק 3 מ׳.
11.17	הושלם תיחום אופקי ותיחום אנכי בעומק של 3 מ׳.
10.16	הושלם תיחום אופקי, תיחום אנכי ל TPH לא הושלם מחשש לזיהום צולב בשל מפלס מים גבוה.
15.52	הושלם תיחום אופקי ואנכי בעומק 3 מ׳.
15.54	הושלם תיחום אופקי ואנכי עבור זיהום העופרת; הושלם תיחום אופקי ואנכי בעומק 3 מ׳ עבור זיהום ה-TPH.

- בדיגום גז הקרקע ניתן לראות כי בשמונה (8) קידוחי גז קרקע נמצאו חריגות מערכי המטרה. בקידוחים 15.18, 15.31, 15.32, 15.23 ו-13.14) נתגלו ריכוזים חורגים של המזהם אקרוליין (Acrolein) בטווח ריכוזים של 3-5 מק"ג/מ"ק כאשר ערך המטרה הינו 2.78 מק"ג/מ"ק. בקידוחים 15.10 ו- 15.3 נתגלה ריכוז חורג של המזהם כלורופורם בריכוזים 19-23 מק"ג/מ"ק כאשר ערך המטרה הינו 16.28 מק"ג/מ"ק. בקידוח 15.46 נמצא המזהם 1,2 Dibromo-3-chloropropane, הריכוז שנמדד הינו 4.6 מק"ג/מ"ק בהשוואה לערך מטרה של 0.062 מק"ג/מ"ק. לצורך תיחום הזיהום שנתגלה, בוצעו קידוחי קרקע במיקומם של קידוחי גז הקרקע בהם נתגלו החריגות ונלקחו דגימות קרקע לאנליזת VOC ו- SVOC (בהתאם להתייחסות המשרד להגנת הסביבה (סימוכין 4) לא בוצעו קידוחי קרקע לתיחום בנקודות בהן נתגלה ריכוז חורג של אקרוליין בלבד). לא נתגלו חריגות בריכוזי VOC ו- SVOC בקידוחי הקרקע שבוצעו לצורך תיחום (**טבלה 22**, **טבלה 23**), או שקריאת PID היתה נמוכה משמעותית ולא היה צורך בביצוע אנליזות לנדיפים. אין צורך בהמשך פעולות חקירה במוקד זה.
- בקידוח לניטור מי תהום שהותקן בתא 10 (GW-10) נמצאו חריגות מתקני מי שתייה לפרמטרים מנגן, אלומיניום, ודיכלורומתאן. בקידוחי קרקע סמוכים לא נתגלו חריגות מערכי המטרה לפרמטרים אלו, וכן ריכוז הדיכלורומתאן בקרקע היה נמוך מסף הכימות.

לסיכום, על פי ממצאי החקירה נדרש שיקום קרקע בשישה מוקדים שתוארו לעיל בשטחו של הפוליגון השחור, בהתאם לממצאים שתוארו בסעיף 4. קידוחי התיחום שבוצעו משלימים את התיחום האופקי והאנכי של מוקד הזיהום, אם כי ישנם אזורים בהם נדרשת השלמת התיחום, אשר תבוצע באמצעות דיגומים נוספים במהלך עבודות השיקום.

טבלאות ממצאי שדה,
אנליזות קרקע

בטבלאות להלן מסוכמים ממצאי השדה ותוצאות המעבדה עבור TPH, מתכות, VOC ו- SVOC בדגימות שנלקחו מקידוחי הקרקע וכן בקרות האיכות שבוצעו. חריגות מערכי המטרה VSL[1] מסומנות באדום. דוחות מעבדה מלאים מצורפים בנספח 1, טפסי שדה ומשמורת מצורפים בנספח 2.

טבלה 4: סיכום ממצאי שדה עבור קידוחי קרקע בתא 9, בפוליגון המערבי

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
9.1	0.5	30.3.20	חול	אין	יש	0.019
9.1	1	30.3.20	חול	אין	יש	0.033
9.2	0.5	30.3.20	חול חרסיתי	אין	יש	0.021
9.2	1	30.3.20	חרסית רטובה	אין	יש	0.052
9.3	0.5	30.3.20	חול	אין	יש	0
9.3	1	30.3.20	חול	אין	יש	0.018
9.3	2	30.3.20	חול ומצע	אין	יש	0.024
9.3	3	30.3.20	חרסית שמנה שחורה	מעט	יש	0.013
9.4	0.5	30.3.20	חול חרסיתי	אין	יש	0.016
9.4	1	30.3.20	חול חרסיתי	אין	יש	0.02
9.4	2	30.3.20	חול חרסיתי	אין	יש	0.3
9.4	3	30.3.20	חרסית שמנה	אין	יש	0.19
9.5	0.5	30.3.20	חרסית חולית	אין	יש	0.024
9.5	1	30.3.20	חרסית חולית	אין	יש	0.02
9.5	2	30.3.20	חרסית חולית	אין	יש	0.015
9.5	3	30.3.20	חרסית שמנה שחורה	מעט	יש	0.015
9.6	0.5	18.3.20	חול	no	yes	3.1
9.6	1	18.3.20	חול חרסיתי	no	yes	2.8
9.6	2	18.3.20	חרסית שחורה	no	yes	2.9
9.6	3	18.3.20	חרסית שחורה	no	yes	3
9.7	0.5	18.3.20	חרסית חולית	no	yes	3.3
9.7	1	18.3.20	חרסית חולית	no	yes	3.3
9.7	2	18.3.20	חרסית שמנה	no	yes	1.2
9.7	3	18.3.20	חרסית שמנה	no	yes	0.7
9.8	0.5	18.3.20	חרסית חולית	no	yes	3.1
9.8	1	18.3.20	חרסית חולית	no	yes	3.1
9.8	2	18.3.20	חרסית שמנה	no	yes	2.8
9.8	3	18.3.20	חרסית שמנה	no	yes	2.9
9.9	0.5	18.3.20	חרסית חולית	no	yes	2.6
9.9	1	18.3.20	חרסית שמנה שחורה	no	yes	2.6
9.9	2	18.3.20	חרסית שמנה שחורה	no	yes	2.4
9.9	3	18.3.20	חרסית שמנה שחורה	no	yes	2.3
9.10	0.5	18.3.20	חול חרסיתי	no	yes	1.1
9.10	1	18.3.20	חול חרסיתי	no	yes	2.1
9.10	2	18.3.20	חרסית שמנה	no	yes	1.1
9.10	3	18.3.20	חרסית שמנה	no	yes	2.4
9.11	0.5	18.3.20	חול חרסיתי	no	yes	2.9

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
9.11	1	18.3.20	חרסית שמנה שחורה	no	yes	2.7
9.11	2	18.3.20	חרסית שמנה שחורה	no	yes	3
9.11	3	18.3.20	חרסית שמנה שחורה	no	yes	2.1
9.12	0.5	18.3.20	חול חרסיתי	no	yes	3.6
9.12	1	18.3.20	חול חרסיתי	no	yes	3.9
9.12	2	18.3.20	חרסית שמנה שחורה	no	yes	1.4
9.12	3	18.3.20	חרסית שמנה שחורה	no	yes	1.3
9.22	0.5	30.3.20	חול חרסיתי	אין	יש	0.026
9.22	1	30.3.20	חול חרסיתי	אין	יש	0.28
9.22	2	30.3.20	חרסית חולית	אין	יש	0.024
9.22	3	30.3.20	חרסית שמנה אפורה	אין	יש	0.024
9.23	0.5	30.3.20	חול	אין	יש	0.031
9.23	1	30.3.20	חול	אין	יש	0.024
9.23	2	30.3.20	חול חרסיתי	אין	יש	0.024
9.23	3	30.3.20	חרסית שמנה שחורה	אין	יש	0.024

טבלה 5: סיכום ממצאי שדה עבור קידוחי קרקע בתא 10, בפוליגון השחור

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
10.1	0.5	10.3.20	חרסית חולית	no	yes	2.8
10.1	1	10.3.20	חול	no	yes	0.6
10.1	2	10.3.20	חרסית	yes	yes	0.6
10.1	3	10.3.20	חרסית	yes	yes	0.4
10.1	4.2	10.3.20	חרסית	a bit	yes	1.1
10.2	0.5	10.3.20	חול	no	yes	1.6
10.2	1	10.3.20	חול	no	yes	1.3
10.2	2	10.3.20	חרסית חולית	yes	yes	1.2
10.2	3	10.3.20	חרסית	yes	yes	2.9
10.2	4.2	10.3.20	חרסית	yes	yes	3.6
10.3	0.5	16.3.20	חול	no	yes	2.8
10.3	1	16.3.20	חול	no	yes	2.6
10.3	2	16.3.20	חול	a bit	yes	3.4
10.3	3	16.3.20	כורכר	a bit	yes	2.7
10.4	0.5	16.3.20	חול	no	yes	1.6
10.4	1	16.3.20	חול	no	yes	2.6
10.4	2	16.3.20	חול	no	yes	2.2
10.4	3	16.3.20	חול	no	yes	1.8
10.5	0.5	16.3.20	חרסית חולית	yes	yes	0.1
10.5	1	16.3.20	חרסית חולית	yes	yes	1.4
10.5	2	16.3.20	חרסית שמנה	yes	yes	0.1
10.5	3	16.3.20	כורכר	yes	yes	2.2
10.6	0.5	16.3.20	חרסית חולית	no	yes	0.1

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
10.6	1	16.3.20	חרסית חולית	no	yes	0.1
10.6	2	16.3.20	חרסית שמנה אפורה	a bit	yes	2.3
10.6	3	16.3.20	חרסית חולית אפורה	a bit	yes	0.3
10.7	0.5	10.3.20	חול	no	yes	2.4
10.7	1	10.3.20	חול	no	yes	2.1
10.7	2	10.3.20	חרסית חולית	yes	yes	1.4
10.7	3	10.3.20	חרסית	yes	yes	2.2
10.7	4.2	10.3.20	חרסית	a bit	yes	1.4
10.8	0.5	16.3.20	חול	no	yes	0.3
10.8	1	16.3.20	חול	no	yes	1.1
10.8	1.6	16.3.20	חול	no	yes	1.3
10.9	0.5	16.3.20	חרסית חולית	no	yes	2.4
10.9	1	16.3.20	חול	no	yes	1.8
10.9	2	16.3.20	חרסית	no	yes	2.1
10.9	3	16.3.20	חרסית	no	yes	2.9
10.10	0.5	16.3.20	חול	no	yes	2.1
10.10	1	16.3.20	חול	no	yes	2.3
10.10	2	16.3.20	חול חרסיתי	no	yes	0.8
10.10	3	16.3.20	חול חרסיתי	no	yes	0.7
10.11	0.5	16.3.20	חרסית חולית	no	yes	2.6
10.11	1	16.3.20	חרסית חולית	no	yes	2.9
10.11	2	16.3.20	חרסית חולית	no	yes	3.6
10.11	3	16.3.20	חרסית חולית	no	yes	3.5
10.12	0.5	16.3.20	חול	no	yes	5.8
10.12	1	16.3.20	חול	no	yes	7.4
10.12	2	16.3.20	חול	no	yes	5.3
10.12	3	16.3.20	חרסית שמנה	no	yes	7.9
10.13	0.5	16.3.20	חרסית חולית	no	yes	5.5
10.13	1	16.3.20	חרסית חולית	no	yes	5.5
10.13	2	16.3.20	חרסית חולית	no	yes	5.7
10.13	3	16.3.20	חרסית חולית	no	yes	5.9
10.14	0.5	10.3.20	חול	no	yes	2.8
10.14	1	10.3.20	חול	no	yes	4.4
10.14	2	10.3.20	חול	yes	yes	3.8
10.14	3	10.3.20	חרסית	yes	yes	1.4
10.14	4.2	10.3.20	חרסית	a bit	yes	0.5
10.15	0.5	16.3.20	חרסית חולית	no	yes	6.1
10.15	1	16.3.20	חרסית חולית	no	yes	5.9
10.15	2	16.3.20	חרסית חולית	no	yes	4.6
10.15	3	16.3.20	חרסית חולית	no	yes	5.8
10.16	0.5	16.3.20	חרסית חולית	yes	yes	6.1
10.16	1	16.3.20	חרסית חולית	yes	yes	5.5
10.16	2	16.3.20	חרסית חולית	yes	yes	6.8

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
10.16	3	16.3.20	חרסית חולית	yes, strong	yes	5.5
10.16	0.5	9.6.20	חול חרסיתי	אין	יש	13.1
10.16	1	9.6.20	חרסית חולית, ריח חריג	יש	יש	**23.4**
10.16	2	9.6.20	חרסית בוצית, ריח חריג	יש	יש	**68.2**
10.16	3	9.6.20	חרסית בוצית, ריח חריג	יש	יש	**23.1**
10.16	0.5	28.7.20	חול חרסיתי ומעט אבנים	אין	יש	0.8
10.16	1	28.7.20	חול חרסיתי לח מאוד	אין	יש	0.6
10.16	2	28.7.20	חול חרסיתי אפור, ריח חריג של דלק	יש	יש	6.8
10.16	2.5	28.7.20	חרסית מעט חולית אפורה, הגעה למים	יש	יש	1.8
10.16	3	28.7.20	חול חרסיתי אפור,מעט אבנים, ריח חריג	יש	יש	0.3
10.16-1	0.5	9.6.20	חול חרסיתי	אין	יש	14.8
10.16-1	1	9.6.20	חול חרסיתי	אין	יש	18.7
10.16-1	2	9.6.20	חרסית בוצית שומנית	יש	יש	53.5
10.16-1	3	9.6.20	חרסית שומנית בוצית	יש	יש	30.1
10.16-2	0.5	9.6.20	חול ומעט אבנים	אין	יש	10.2
10.16-2	1	9.6.20	חול ומעט אבנים	אין	יש	13.9
10.16-2	2	9.6.20	חרסית חולית שומנית	יש	יש	75.3
10.16-2	3	9.6.20	חרסית חולית שומנית	יש	יש	33.4
10.16-3	0.5	9.6.20	חרסית חולית ומעט חומר מילוי	אין	יש	16.3
10.16-3	1	9.6.20	חרסית בוצית	אין	יש	13.6
10.16-3	2	9.6.20	חרסית בוצית שומנית	יש	יש	14.7
10.16-3	3	9.6.20	חרסית בוצית שומנית	יש	יש	17.1
10.17	0.5	16.3.20	חול	no	yes	4.5
10.17	1	16.3.20	חול חרסיתי	no	yes	5.5
10.17	2	16.3.20	חול חרסיתי	no	yes	5.3
10.17	3	16.3.20	חול חרסיתי	no	yes	5.5
10.18	0.5	30.3.20	חול ומצע	אין	יש	0.026
10.18	1	30.3.20	חול חרסיתי	אין	יש	0.029
10.18	2	30.3.20	חול	אין	יש	0.026
10.18	3	30.3.20	חול	אין	יש	0.033
10.19	0.5	30.3.20	חול חרסיתי	אין	יש	0.021
10.19	1	30.3.20	חול חרסיתי	אין	יש	0.024
10.19	2	30.3.20	חרסית שמנה חולית	אין	יש	0.03
10.19	3	30.3.20	חרסית שמנה חולית	אין	יש	0.028
10.19	4	30.3.20	חרסית אפורה	אין	יש	0.026
10.20	0.5	16.3.20	חול חרסיתי	no	yes	4.1
10.20	1	16.3.20	חול חרסיתי	no	yes	4.6
10.20	2	16.3.20	חול חרסיתי	no	yes	4.5
10.20	3	16.3.20	חרסית שמנה	a bit	yes	2
10.21	0.5	16.3.20	חרסית חולית	no	yes	3
10.21	1	16.3.20	חרסית חולית	yes	yes	5

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
10.21	2	16.3.20	חרסית	yes	yes	17.5
10.21	3	16.3.20	חרסית שמנה	yes	yes	7.4
10.21-1	0.5	14.6.20	חול ומעט אבנים	אין	יש	12.7
10.21-1	1	14.6.20	חול ונקבויות (נקודות?)	אין	יש	11
10.21-1	2	14.6.20	חול חרסיתי בוצי, ריח חריג	יש	יש	17.4
10.21-1	3	14.6.20	חול חרסיתי בוצי, ריח חריג	יש	יש	3
10.21-2	0.5	14.6.20	חול חרסיתי	אין	יש	8
10.21-2	1	14.6.20	חול חרסיתי	אין	יש	9.4
10.21-2	2	14.6.20	חול חרסיתי בוצי	יש	יש	6
10.21-2	3	14.6.20	חול חרסיתי שמן, ריח חזק	יש	יש	10.5
10.21-3	0.5	14.6.20	חומר מילוי וחול חרסיתי	יש	יש	10.6
10.21-3	1	14.6.20	חרסית חולית	יש	יש	76.6
10.21-3	2	14.6.20	חרסית חולית	יש	יש	202.4
10.21-3	3	14.6.20	חרסית שמנה	יש	יש	27.2
10.21-4	0.5	28.7.20	חומר מילוי חולי עם מצע	אין	אין	0.4
10.21-4	1	28.7.20	חול ים לח	אין	יש	0.6
10.21-4	2	28.7.20	חרסית חולית אפורה, ריח חריג	יש	יש	0.7
10.21-4	3	28.7.20	חרסית חולית אפורה ומעט צדפות	יש	יש	0.7
10.21-5	0.5	28.7.20	חול חרסיתי ואבני מילוי	אין	יש	6.9
10.21-5	1	28.7.20	חול חרסיתי אפור, ריח חריג	יש	יש	77.7
10.21-5	2	28.7.20	חול חרסיתי אפור, ריח חריג חזק	יש	יש	449.7
10.21-5	3	28.7.20	חרסית שמנה אפורה, ריח עדין	יש	יש	14.3
10.21-6	0.5	28.7.20	חול חרסיתי ומעט אבני מילוי	אין	יש	0.4
10.21-6	1	28.7.20	חול חרסיתי ומעט אבני מילוי	אין	יש	0.6
10.21-6	2	28.7.20	חול חרסיתי אפור, ריח חריג חזק	יש	יש	0.6
10.21-6	3	28.7.20	חרסית שמנה אפורה, מעט חולית	אין	יש	0.4
10.22	0.5	16.3.20	חול חרסיתי אפור	yes	yes	1.7
10.22	1	16.3.20	חול חרסיתי אפור	yes	yes	30.7
10.22	2	16.3.20	חול אפור	yes, strong	yes	15.9
10.22	3	16.3.20	חרסית שמנה	yes, strong	yes	4.7
10.22	4	16.3.20	חרסית חולית	yes, strong	yes	57.4
10.22	4.5	16.3.20	חרסית	yes, less strong	yes	7
10.22-1	0.5	14.6.20	חומר מילוי	יש	יש	5.6
10.22-1	1	14.6.20	חול חרסיתי	יש	יש	5.3
10.22-1	2	14.6.20	חרסית חולית	יש	יש	17.6
10.22-1	3	14.6.20	חרסית שמנה	יש	יש	15.4
10.22-2	0.5	14.6.20	חול חרסיתי	יש	יש	2.3
10.22-2	1	14.6.20	חרסית חולית בוצית	יש	יש	1.4
10.22-2	2	14.6.20	חרסית חולית בוצית	יש	יש	22.5
10.22-2	2.5	14.6.20	חרסית שמנה (מים)	יש	יש	35.6

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
10.22-3	0.5	9.6.20	חרסית חולית עם ריח זיהום	יש	יש	219.2
10.22-3	1	9.6.20	חרסית חולית עם ריח זיהום	יש	יש	217.1
10.22-4	0.5	28.7.20	חול	אין	יש	0.7
10.22-4	1	28.7.20	חול ומעט אבני חול וצדפים	אין	יש	0.5
10.22-4	2	28.7.20	חרסית חולית אפורה רוויה , ריח חריג	יש	יש	72.3
10.22-4	3	28.7.20	חרסית חולית אפורה וצדפים	יש	יש	4.6
10.22-5	0.5	28.7.20	חול חרסיתי	אין	יש	0.6
10.22-5	1	28.7.20	חול חרסיתי	אין	יש	0.8
10.22-5	2	28.7.20	חול חרסיתי אפור, ריח חריג	יש	יש	495.8
10.22-5	3	28.7.20	חול חרסיתי אפור, ריח חריג	יש	יש	6.3
10.22-6	0.5	28.7.20	חול חרסיתי	אין	יש	122.7
10.22-6	1	28.7.20	חול חרסיתי אפור, ריח חריג	יש	יש	257.7
10.22-6	2	28.7.20	חול חרסיתי אפור, ריח חריג	יש	יש	166.7
10.22-6	3	28.7.20	חרסית חולית אפורה, מעט ריח	יש	יש	13.7
10.22-7	0.5	28.7.20	חול	אין	יש	0.6
10.22-7	1	28.7.20	חול	אין	יש	0.4
10.22-7	2	28.7.20	חול חרסיתי אפור רטוב, ריח חריג חזק	יש	יש	18.9
10.22-7	2.5	28.7.20	חול חרסיתי אפור עם ריח חריג	יש	יש	2.7
10.22-8	0.5	28.7.20	חול	אין	יש	1.6
10.22-8	1	28.7.20	חול מעט חרסיתי	אין	יש	3.5
10.22-8	2	28.7.20	חול חרסיתי אפור, ריח חזק	יש	יש	7.2
10.22-8	2.5	28.7.20	חרסית שמנה חולית אפורה	יש	יש	4.8
10.22-9	0.5	28.7.20	חול חרסיתי אפור	אין	יש	48
10.22-9	1	28.7.20	חול חרסיתי אפור	יש	יש	199.8
10.22-9	2	28.7.20	חול חרסיתי אפור, ריח חזק	יש	יש	250.8
10.22-9	2.5	28.7.20	חרסית שמנה אפורה	יש	יש	13.2
10.22-10	0.5	28.7.20	חול ומעט מעט	אין	יש	5
10.22-10	1	28.7.20	חול חרסיתי	אין	יש	7.3
10.22-10	2	28.7.20	חול חרסיתי אפור, ריח חריג	יש	יש	4.6
10.22-10	2.5	28.7.20	חרסית חולית אפורה ומעט ריח	יש	יש	6.5
10.22-11	0.5	28.7.20	חול חרסיתי ומעט שברי צדפים	מעט	יש	0.4
10.22-11	1	28.7.20	חול חרסיתי	אין	יש	1.6
10.22-11	2	28.7.20	חול חרסיתי	מעט	יש	0.6
10.22-11	2.5	28.7.20	חרסית שמנה אפורה	יש	יש	0.7
10.22-12	0.5	28.7.20	חול חרסיתי	אין	יש	3.5
10.22-12	1	28.7.20	חול	אין	יש	4.7
10.22-12	2	28.7.20	חול חרסיתי כהה, מעט ריח חריג	יש	יש	3.6
10.22-12	2.5	28.7.20	חרסית שמנה, ריח חריג	יש	יש	1.4
10.22-13	0.5	28.7.20	חול חרסיתי	אין	יש	1.5
10.22-13	1	28.7.20	חול חרסיתי	אין	יש	2.3
10.22-13	2	28.7.20	חול חרסיתי	יש	יש	1.5
10.22-13	2.5	28.7.20	חרסית שמנה אפורה, ריח חריג	יש	יש	1.4

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
10.23	0.5	16.3.20	חרסית חולית	yes	yes	5.2
10.23	1	16.3.20	חרסית חולית	yes	yes	5.2
10.23	2	16.3.20	חול	yes	yes	6.1
10.23	3	16.3.20	חרסית חולית שחורה	yes	yes	5
10.24	0.5	16.3.20	חול	yes	yes	2
10.24	1	16.3.20	חול	yes	yes	2.3
10.24	2	16.3.20	חול	yes	yes	2.1
10.24	3	16.3.20	חול חרסיתי שחור	yes	yes	5.9
10.25	0.5	16.3.20	חרסית חולית	no	yes	0.5
10.25	1	16.3.20	חרסית חולית	no	yes	2
10.25	2	16.3.20	חרסית חולית	no	yes	3.8
10.25	3	16.3.20	חרסית שמנה אפורה	a bit	yes	3.7
10.26	0.5	16.3.20	חול חרסיתי	no	yes	2.4
10.26	1	16.3.20	חול חרסיתי	no	yes	2.6
10.26	2	16.3.20	חרסית שמנה	a bit	yes	1.1
10.26	3	16.3.20	חרסית שמנה	a bit	yes	3.6
10.27	0.5	16.3.20	חרסית חולית	no	yes	0.5
10.27	1	16.3.20	חרסית חולית	no	yes	3
10.27	2	16.3.20	חרסית חולית	no	yes	2
10.27	3	16.3.20	חרסית שמנה	no	yes	2.3
10.28	0.5	16.3.20	חול חרסיתי	yes	yes	5.2
10.28	1	16.3.20	חול חרסיתי	yes	yes	1.1
10.28	2	16.3.20	חול חרסיתי	yes	yes	3.4
10.28	3	16.3.20	חול חרסיתי	yes	yes	5.3
10.29	0.5	16.3.20	חול	no	yes	3
10.29	1	16.3.20	חול	no	yes	3.5
10.29	2	16.3.20	חול חרסיתי	no	yes	4
10.29	3	16.3.20	חול	no	yes	4.5
10.30	0.5	16.3.20	חול	no	yes	4.5
10.30	1	16.3.20	חול	no	yes	3.4
10.30	2	16.3.20	חול חרסיתי	no	yes	4.6
10.30	3	16.3.20	חרסית שמנה	no	yes	5.7
10.31	0.5	16.3.20	חול	no	yes	5.5
10.31	1	16.3.20	חול	no	yes	4.7
10.31	2	16.3.20	חרסית	no	yes	5.4
10.31	3	16.3.20	חרסית	no	yes	5.7

טבלה 6: סיכום ממצאי שדה עבור קידוחי קרקע בתא 11, בפוליגון השחור

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
11.17	0.5	25.3.20	חול ומילוי	no	yes	0.4
11.17	1	25.3.20	חול ומילוי	no	yes	0.5
11.17	2	25.3.20	חול	no	yes	0.8
11.17	3	25.3.20	חול חרסיתי	no	yes	0.4
11.17-1	0.5	14.6.20	חול חרסיתי ומעט מילוי	אין	יש	3.2
11.17-1	1	14.6.20	חול חרסיתי ומעט מילוי	אין	יש	5.4
11.17-1	2	14.6.20	חרסית חולית בוצית	אין	יש	7.9
11.17-1	3	14.6.20	חרסית חולית בוצית	יש	יש	3.3
11.17-2	0.5	14.6.20	חול ומעט מצע	אין	יש	10.3
11.17-2	1	14.6.20	חול	אין	יש	12.4
11.17-2	2	14.6.20	חול חרסיתי ומעט נקודות שחורות	אין	יש	11.6
11.17-2	3	14.6.20	חול חרסיתי בוצי	יש	יש	10.3
11.17-3	0.5	14.6.20	חומר מילוי וחול חרסיתי	אין	יש	14.3
11.17-3	1	14.6.20	חרסית חולית	אין	יש	17.4
11.17-3	2	14.6.20	חרסית חולית עם אבני סלע	אין	יש	15.3
11.17-3	3	14.6.20	חרסית רטובה	אין	יש	13.2
11.17-4	0.5	28.7.20	מילוי, חרסית, אבני מילוי	אין	יש	0.8
11.17-4	1	28.7.20	חרסית חולית	אין	יש	1
11.17-4	2	28.7.20	חול חרסיתי	אין	יש	1.1
11.17-4	3	28.7.20	חול חרסיתי	מעט	יש	1.2
11.17-5	0.5	28.7.20	חרסית חולית ומעט מילוי	אין	אין	0.8
11.17-5	1	28.7.20	חול חרסיתי ואבני מילוי	אין	יש	1.5
11.17-5	2	28.7.20	חול חרסיתי אפור, לח עם ריח	יש	יש	1.4
11.17-5	3	28.7.20	חול חרסיתי אפור לח, ריח חריג	יש	יש	2
11.17-6	0.5	28.7.20	חרסית חולית			0.6
11.17-6	1	28.7.20	חול חרסיתי			0.7
11.17-6	2	28.7.20	חול חרסיתי			0.9
11.17-6	3	28.7.20	חול חרסיתי	מעט	יש	3.1
11.17-7	0.5	28.7.20	חול חרסיתי ומעט צדפים	אין	יש	1.2
11.17-7	1	28.7.20	חול	אין	יש	1.4
11.17-7	2	28.7.20	חרסית חולית ומעט מילוי	אין	יש	1.8
11.17-7	3	28.7.20	חול חרסיתי	אין	יש	2.1
11.17-8	0.5	28.7.20	מילוי, חול ואבני מילוי	אין	יש	1.2
11.17-8	1	28.7.20	חול חרסיתי	אין	יש	1.4
11.17-8	2	28.7.20	חולי ומילוי	אין	יש	2.8
11.17-8	3	28.7.20	חול חרסיתי אפור, לח ומעט ריח	מעט	יש	1.4
11.17-9	0.5	30.9.20	חול מילוי וחצץ, אפור בהיר	אין	יש	4.7
11.17-9	1	30.9.20	חול ים נקי, כהה, ריח טבעי	אין	יש	3.5
11.17-9	2	30.9.20	חול ים נקי, כהה, ריח טבעי	אין	יש	1.7
11.17-9	3	30.9.20	חול ים חרסיתי, כהה, לח	אין	יש	1.2
11.17-10	0.5	30.9.20	חול ים בהיר, לח	אין	יש	0.2

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
11.17-10	1	30.9.20	חול ים וחומר מילוי	אין	יש	4.0
11.17-10	2	30.9.20	חול חרסיתי, כהה, לח	אין	יש	3.1
11.17-10	3	30.9.20	חול חרסיתי בהיר	אין	יש	2.1
11.17-11	0.5	30.9.20	חומר מילוי וחצץ	אין	יש	0.8
11.17-11	1	30.9.20	חול חרסיתי ומילוי שחור (אספלט)	אין	יש	1.5
11.17-11	2	30.9.20	חול, חצץ אפור, רווי עם ריח	אין	יש	0.5
11.17-11	3	30.9.20	חול, חצץ אפור, רווי עם ריח	אין	יש	5.4
11.18	0.5	25.3.20	חמרה	no	yes	0.3
11.18	1	25.3.20	חול חרסיתי	no	yes	0.6
11.18	2	25.3.20	חול חרסיתי	no	yes	0.9
11.18	3	25.3.20	חול	no	yes	1.2
11.19	0.5	25.3.20	חול	no	yes	2.1
11.19	1	25.3.20	חול	no	yes	0.6
11.19	2	25.3.20	חול חרסיתי	no	yes	0.3
11.19	3	25.3.20	חול חרסיתי	no	yes	0.1
11.20	0.5	25.3.20	חרסית חולית	no	yes	5.9
11.20	1	25.3.20	חרסית חולית	no	yes	5.2
11.20	2	25.3.20	חרסית חולית	no	yes	0.6
11.20	3	25.3.20	חרסית חולית	no	yes	0.2

טבלה 7: סיכום ממצאי שדה עבור קידוחי קרקע בתא 12, בפוליגון השחור

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
12.1	0.5	7.4.20	חרסית מעט שמנה	אין	יש	17.1
12.1	1	7.4.20	חרסית חולית	אין	יש	17.4
12.1	2	7.4.20	חול חרסיתי	אין	יש	19.4
12.1	3	7.4.20	חרסית שמנה אפורה	אין	יש	18.2
12.2	1	7.4.20	חול	יש	יש	19.7
12.2	2	7.4.20	חול	יש	יש	15.5
12.2	3	7.4.20	חרסית אפורה	מעט	יש	10.5
12.2	4	7.4.20	חרסית שמנה שחורה	יש	יש	9.9
12.2	5	7.4.20	חרסית שמנה אפורה	יש	יש	19.1
12.2	6	7.4.20	חרסית שמנה אפורה	יש	יש	6.5
12.3	0.5	7.4.20	חול	אין	יש	**29.5**
12.3	1	7.4.20	חול חרסיתי	אין	יש	**23.4**
12.3	2	7.4.20	חרסית שמנה שחורה	אין	יש	16.6
12.3	3	7.4.20	חרסית שמנה אפורה	אין	יש	**25.6**
12.3	4	7.4.20	חרסית שמנה אפורה/שחורה	אין	יש	13.5
12.3	4.5	7.4.20	חרסית שמנה שחורה	אין	יש	10.7
12.4	0.5	7.4.20	חול חרסיתי	אין	יש	10.2
12.4	1	7.4.20	חרסית חולית	אין	יש	19.5

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
12.4	2	7.4.20	חול חרסיתי	אין	יש	11.3
12.4	3	7.4.20	חרסית שמנה שחורה	אין	יש	9.5

טבלה 8: סיכום ממצאי שדה עבור קידוחי קרקע בתא 13, בפוליגון השחור

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
13.1	0.5	18.3.20	חול	no	yes	1.2
13.1	1	18.3.20	חול	no	yes	2.1
13.1	2	18.3.20	חול	no	yes	2.2
13.1	3	18.3.20	חול חרסיתי	no	yes	2.3
13.2	0.5	18.3.20	חול	no	yes	0.5
13.2	1	18.3.20	חול	no	yes	3
13.2	2	18.3.20	חול	no	yes	2
13.2	3	18.3.20	חול	no	yes	2.1
13.2	4	18.3.20	חול חרסיתי	no	yes	0.3
13.2	5	18.3.20	חרסית שמנה	no	yes	1
13.2	6	18.3.20	חרסית חולית	no	yes	1.2
13.2	7	18.3.20	חרסית שמנה שחורה	no	yes	0.3
13.2	7.5	18.3.20	חרסית חולית	no	yes	1.1
13.3	0.5	18.3.20	חול	no	yes	2.1
13.3	1	18.3.20	חול	no	yes	2.4
13.3	2	18.3.20	חול	no	yes	2.1
13.3	3	18.3.20	חול	no	yes	2.4
13.4	0.5	18.3.20	מילוי	no	yes	2.2
13.4	1	18.3.20	חול	no	yes	2.4
13.4	2	18.3.20	חול	no	yes	2.4
13.4	3	18.3.20	חול	no	yes	2.6
13.5	0.5	18.3.20	חרסית	no	yes	1.1
13.5	1	18.3.20	חול חרסיתי	no	yes	2.4
13.5	2	18.3.20	חול חרסיתי	no	yes	2.6
13.5	3	18.3.20	חול חרסיתי	no	yes	1.6
13.6	0.5	18.3.20	חול	no	yes	1.9
13.6	1	18.3.20	חול	no	yes	2.1
13.6	2	18.3.20	חול	no	yes	2.2
13.6	3	18.3.20	חול	no	yes	0.2
13.7	0.5	18.3.20	חול	no	yes	1.4
13.7	1	18.3.20	חול	no	yes	2.2
13.7	2	18.3.20	חול חרסיתי	no	yes	1.7
13.7	3	18.3.20	חול חרסיתי	no	yes	1
13.8	0.5	18.3.20	חול חרסיתי	no	yes	2.3
13.8	1	18.3.20	חרסית חולית	no	yes	2.1

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
13.8	2	18.3.20	חרסית חולית	no	yes	2
13.8	3	18.3.20	חרסית חולית	no	yes	1.7
13.9	0.5	18.3.20	חול חרסיתי	no	yes	2
13.9	1	18.3.20	חול חרסיתי	no	yes	1.4
13.9	2	18.3.20	חול	no	yes	1.7
13.9	3	18.3.20	חול	no	yes	1.7
13.10	0.5	17.3.20	חרסית	no	yes	0.6
13.10	1	17.3.20	חול	no	yes	1
13.10	2	17.3.20	חול	no	yes	0.3
13.10	3	17.3.20	חול	no	yes	1.4
13.11	0.5	17.3.20	חול	no	yes	4.1
13.11	1	17.3.20	חול	no	yes	3.7
13.11	2	17.3.20	חול	no	yes	3.8
13.11	3	17.3.20	חול	no	yes	2.3
13.12	0.5	17.3.20	חול	no	yes	3.7
13.12	1	17.3.20	חול	no	yes	4.7
13.12	2	17.3.20	חול	no	yes	3.1
13.12	3	17.3.20	חול	no	yes	4.8
13.13	0.5	17.3.20	חול	no	yes	5.2
13.13	1	17.3.20	חול	no	yes	5
13.13	2	17.3.20	חול	no	yes	5
13.13	3	17.3.20	חול	no	yes	5
13.14	0.5	18.3.20	חול	no	yes	2.3
13.14	1	18.3.20	חול	no	yes	2.4
13.14	2	18.3.20	חול	no	yes	2.6
13.14	3	18.3.20	חול	no	yes	2.2
13.14	0.5	9.6.20	חול חרסיתי	אין	יש	3.3
13.14	1	9.6.20	חול חרסיתי	אין	יש	18.5
13.14	2	9.6.20	חול חרסיתי ומעט שברי צדפים	אין	יש	17.8
13.14	3	9.6.20	חול חרסיתי ומעט שברי צדפים	אין	יש	5
13.15	0.5	17.3.20	חול	no	yes	1.6
13.15	1	17.3.20	חול	no	yes	1.4
13.15	2	17.3.20	חול	no	yes	3
13.15	3	17.3.20	חול	no	yes	2.1
13.16	0.5	17.3.20	חול	no	yes	3.2
13.16	1	17.3.20	חול	no	yes	2.9
13.16	2	17.3.20	חול	no	yes	1.6
13.16	3	17.3.20	חול	no	yes	2.4
13.17	0.5	18.3.20	חול	no	yes	1
13.17	1	18.3.20	חול	no	yes	2.2
13.17	2	18.3.20	חול	no	yes	2.2
13.17	3	18.3.20	חול	no	yes	2.2

שם קידוח	עומק (מ׳)	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
13.18	0.5	18.3.20	חול	no	yes	2.9
13.18	1	18.3.20	חול	no	yes	2.3
13.18	2	18.3.20	חול	no	yes	2.7
13.18	3	18.3.20	חול	no	yes	2.6

טבלה 9: סיכום ממצאי שדה עבור קידוחי קרקע בתא 15, בפוליגון השחור

שם קידוח	עומק (מ׳)	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.1	0.5	5.3.20	חול חרסיתי	no	yes	1.0
15.1	1	5.3.20	חול חרסיתי	no	yes	0.9
15.1	2	5.3.20	חול חרסיתי	no	yes	0.7
15.1	3	5.3.20	חול	no	yes	1.2
15.1	0.5	9.6.20	חול חרסיתי	אין	יש	10.7
15.1	1	9.6.20	חול חרסיתי	אין	יש	11.5
15.1	2	9.6.20	חול חרסיתי	אין	יש	10.7
15.1	3	9.6.20	חול חרסיתי	אין	יש	9.5
15.2	0.5	5.3.20	חול ומילוי	no	a bit	6.7
15.2	1	5.3.20	חול ומילוי	no	a bit	3.7
15.2	2	5.3.20	חול ומילוי	no	a bit	5.8
15.2	3	5.3.20	חול ומילוי	no	a bit	6.8
15.3	0.5	5.3.20	חול	no	yes	0.4
15.3	1	5.3.20	חול	no	yes	1.2
15.3	2	5.3.20	חול	no	yes	0.7
15.3	3	5.3.20	חול	no	yes	0.8
15.4	0.5	5.3.20	חרסית חולית	no	no	1.4
15.4	1	5.3.20	חרסית חולית	no	no	1.7
15.4	2	5.3.20	חרסית חולית	no	no	1.7
15.4	3	5.3.20	חרסית חולית	no	no	1.6
15.5	0.5	5.3.20	חול	no	yes	0.9
15.5	1	5.3.20	חול	no	yes	1.2
15.5	2	5.3.20	חרסית	no	yes	0.9
15.5	3	5.3.20	חרסית	no	yes	1.2
15.6	0.5	5.3.20	חרסית חולית	no	yes	0.2
15.6	1	5.3.20	חרסית חולית	no	yes	0.3
15.6	2	5.3.20	חרסית חולית	no	yes	1.4
15.6	3	5.3.20	חרסית חולית	no	yes	0.5
15.7	0.5	5.3.20	חרסית חולית	no	yes	0.9
15.7	1	5.3.20	חרסית חולית	no	yes	1.1
15.7	2	5.3.20	חרסית חולית	no	yes	0.9
15.7	3	5.3.20	חרסית שמנה	no	yes	1
15.8	0.5	5.3.20	חול	no	yes	1.1
15.8	1	5.3.20	חול	no	yes	1.5

שם קידוח	עומק (מ׳)	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.8	2	5.3.20	חול	no	yes	1.8
15.8	3	5.3.20	חול	no	yes	2.6
15.9	0.5	5.3.20	חול	no	yes	1.4
15.9	1	5.3.20	חול	no	yes	1.4
15.9	2	5.3.20	חול	no	yes	1.3
15.9	3	5.3.20	חול	no	yes	1.2
15.10	0.5	5.3.20	חול	no	yes	1
15.10	1	5.3.20	חול	no	yes	1
15.10	2	5.3.20	חול	no	yes	0.5
15.10	3	5.3.20	חול	no	yes	0.9
15.11	0.5	5.3.20	חול	no	yes	0.5
15.11	1	5.3.20	חול	no	yes	1
15.11	2	5.3.20	חול	no	yes	1.2
15.11	3	5.3.20	חול	no	yes	1.6
15.12	0.5	5.3.20	חול	no	yes	1.6
15.12	1	5.3.20	חול	no	yes	1.2
15.12	2	5.3.20	חול	no	yes	0.9
15.12	3	5.3.20	חול	no	yes	1.2
15.12	4	5.3.20	חול	no	yes	0.7
15.12	5	5.3.20	חול	no	yes	1.1
15.12	6	5.3.20	חול	no	yes	0.4
15.12	7	5.3.20	חול	no	yes	1.3
15.12	7.5	5.3.20	חול	no	yes	1.3
15.13	0.5	5.3.20	חול	no	yes	0.5
15.13	1	5.3.20	חול	no	yes	0.7
15.13	2	5.3.20	חול	no	yes	1.2
15.13	3	5.3.20	חול	no	yes	1.1
15.14	0.5	5.3.20	חול	no	yes	0.5
15.14	1	5.3.20	חול	no	yes	0.5
15.14	2	5.3.20	חול	no	yes	0.8
15.14	3	5.3.20	חול	no	yes	0.9
15.15	0.5	5.3.20	חול	no	yes	0.8
15.15	1	5.3.20	חול	no	yes	0.9
15.15	2	5.3.20	חול	no	yes	0.8
15.15	3	5.3.20	חול	no	yes	0.9
15.16	0.5	5.3.20	חול ומילוי	no	yes	0.7
15.16	1	5.3.20	חול	no	yes	0.9
15.16	2	5.3.20	חול	no	yes	0.8
15.16	3	5.3.20	חול	no	yes	0.6
15.17	0.5	5.3.20	חול	no	yes	1.1
15.17	1	5.3.20	חול	no	yes	1.2
15.17	2	5.3.20	חול	no	yes	1.3

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.17	3	5.3.20	חול	no	yes	1.5
15.18	0.5	5.3.20	חול חרסיתי	no	yes	1.3
15.18	1	5.3.20	חול	no	yes	1.6
15.18	2	5.3.20	חול	no	yes	0.9
15.18	3	5.3.20	חול	no	yes	0.9
15.18	0.5	9.6.20	חול	אין	יש	10.7
15.18	1	9.6.20	חול חרסיתי	אין	יש	8.6
15.18	2	9.6.20	חומר מילוי לבן ואבני מצע	אין	אין	6.4
15.18	3	9.6.20	חול חרסיתי	אין	יש	8.7
15.19	0.5	5.3.20	חול	no	yes	0.5
15.19	1	5.3.20	חול	no	yes	1
15.19	2	5.3.20	חול	no	yes	1.5
15.19	3	5.3.20	חול	no	yes	1.8
15.20	0.8	9.3.20	מילוי	no	no	0.7
15.20	1	9.3.20	חול	no	yes	0.6
15.20	2	9.3.20	חול	no	yes	0.5
15.20	3	9.3.20	חול	no	yes	0.2
15.21	0.5	9.3.20	חול	no	yes	0.3
15.21	1	9.3.20	חול	no	yes	0.2
15.21	2	9.3.20	חמרה	no	yes	0.2
15.21	3	9.3.20	חמרה	no	yes	0.1
15.22	0.5	9.3.20	מילוי	yes	yes	0.7
15.22	1	9.3.20	חול	yes	yes	0.5
15.22	2	9.3.20	חול	yes	yes	0.3
15.22	3	9.3.20	חמרה	yes	yes	0.2
15.23	0.5	15.3.20	חול	no	yes	2.5
15.23	1	15.3.20	חול	no	yes	3.2
15.23	2	15.3.20	חול	no	yes	3.1
15.23	3	15.3.20	חול	no	yes	3.2
15.23	0.5	9.6.20	חול חרסיתי	אין	יש	1.6
15.23	1	9.6.20	חול חרסיתי	אין	יש	7.1
15.23	2	9.6.20	חול חרסיתי	אין	יש	5.3
15.23	3	9.6.20	חול חרסיתי	אין	יש	2.5
15.24	0.5	26.4.20	חול ומעט חצץ	אין	יש	5.7
15.24	1	26.4.20	חול ומעט חצץ	אין	יש	5.6
15.24	2	26.4.20	חול ומעט חצץ	אין	יש	3.7
15.24	3	26.4.20	חול ומעט חצץ	אין	יש	2.6
15.25	0.5	15.3.20	חול	no	yes	1.2
15.25	1	15.3.20	חול	no	yes	2
15.25	2	15.3.20	חול	no	yes	2.4
15.25	3	15.3.20	חול	no	yes	2
15.26	0.5	15.3.20	חול	no	yes	2.6

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.26	1	15.3.20	חרסית	no	yes	2.7
15.26	2	15.3.20	חרסית	no	yes	1.2
15.26	3	15.3.20	חרסית	no	yes	2.1
15.27	0.5	15.3.20	חול ומילוי	no	yes	1.7
15.27	1	15.3.20	חרסית חולית	no	yes	2.5
15.27	2	15.3.20	חרסית חולית	no	yes	2.1
15.27	3	15.3.20	חרסית חולית	no	yes	2
15.28	0.5	15.3.20	חול	no	yes	2.4
15.28	1	15.3.20	חול	no	yes	1.6
15.28	2	15.3.20	חול	no	yes	2.1
15.28	3	15.3.20	חול	no	yes	2.9
15.29	0.5	9.3.20	חול	no	yes	0.2
15.29	1	9.3.20	חול	no	yes	0.1
15.29	2	9.3.20	חול	no	yes	0.1
15.29	3	9.3.20	חול ומילוי	no	yes	0.2
15.30	0.5	9.3.20	מילוי	no	yes	0.3
15.30	1	9.3.20	חול	no	yes	0.2
15.30	2	9.3.20	חול	no	yes	0.3
15.30	3	9.3.20	חול	no	yes	0.2
15.31	0.5	9.3.20	חול	no	yes	0.1
15.31	1	9.3.20	חול	no	yes	0.3
15.31	2	9.3.20	חול	no	yes	0.2
15.31	3	9.3.20	חול	no	yes	0.2
15.31	0.5	9.6.20	חול חרסיתי ומעט מצע	אין	יש	2.9
15.31	1	9.6.20	חול חרסיתי	אין	יש	0.5
15.31	2	9.6.20	חומר מילוי עם חול חרסיתי	אין	יש	4.3
15.31	3	9.6.20	חול חרסיתי	אין	יש	1.7
15.31-1	0.5	9.6.20	חול חרסיתי	אין	יש	3.7
15.31-1	1	9.6.20	חול חרסיתי	אין	יש	2.1
15.31-1	2	9.6.20	חול חרסיתי עם אבנים	אין	יש	3.8
15.31-1	3	9.6.20	חול חרסיתי, מעט נקבוביות (נק' שחורות)	אין	יש	3.3
15.31-2	0.5	9.6.20	חומר מילוי ומצע	אין	יש	1.9
15.31-2	1	9.6.20	חול חרסיתי	אין	יש	3.1
15.31-2	2	9.6.20	חול חרסיתי	אין	יש	3.1
15.31-2	3	9.6.20	חול חרסיתי	אין	יש	2.1
15.31-3	0.5	9.6.20	חומר מילוי וחול	אין	יש	3.3
15.31-3	1	9.6.20	חול חרסיתי	אין	יש	2.8
15.31-3	2	9.6.20	חול חרסיתי	אין	יש	2.8
15.31-3	3	9.6.20	חול חרסיתי	אין	יש	3.6
15.31-3	4	30.9.20	חול חרסיתי	אין	יש	0.4
15.31-3	5	30.9.20	חול חרסיתי	אין	יש	0.6
15.31-3	6	30.9.20	חול חרסיתי	אין	יש	0.5

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.31-3	7	30.9.20	חול חרסיתי	אין	יש	0.7
15.31-3	8	30.9.20	חול חרסיתי	אין	יש	1.2
15.31-4	0.5	29.7.20	חול מילוי	אין	יש	10.1
15.31-4	1	29.7.20	חול מילוי	אין	יש	12.1
15.31-4	2	29.7.20	חול חרסיתי	אין	יש	14.1
15.31-4	3	29.7.20	חול חרסיתי	אין	יש	3.5
15.31-5	0.5	29.7.20	חול	אין	יש	15.5
15.31-5	1	29.7.20	חול ומעט מילוי	אין	יש	1.2
15.31-5	2	29.7.20	חול	אין	יש	3.3
15.31-5	3	29.7.20	חול חרסיתי	אין	יש	4.2
15.31-6	0.5	29.7.20	חול חרסיתי	אין	יש	2
15.31-6	1	29.7.20	חול חרסיתי	אין	יש	2.8
15.31-6	2	29.7.20	מילוי וחול	אין	אין	2
15.31-6	3	29.7.20	חול חרסיתי	אין	יש	1.4
15.31-7	0.5	29.7.20	חול חרסיתי	אין	יש	1.4
15.31-7	1	29.7.20	חול חרסיתי	אין	יש	1.3
15.31-7	2	29.7.20	חול חרסיתי	אין	יש	1.2
15.31-7	2.2	29.7.20	חול חרסיתי	אין	יש	1.1
15.31-8	0.5	29.7.20	חול מילוי	אין	יש	2.4
15.31-8	1	29.7.20	חול מילוי	אין	יש	2
15.31-8	2	29.7.20	חול חרסיתי	אין	יש	2.2
15.31-8	2.8	29.7.20	חול חרסיתי	אין	יש	2.8
15.31-8	3	30.9.20	מילוי חולי	אין	יש	0.5
15.31-8	4	30.9.20	חול חרסיתי	אין	יש	0.7
15.31-9	0.5	29.7.20	חול ומילוי	אין	אין	1.4
15.31-9	1	29.7.20	חול	אין	יש	0.3
15.31-9	2	29.7.20	חול	אין	יש	0.2
15.31-9	3	29.7.20	חרסית שמנה	אין	יש	1.8
15.31-10	0.5	30.10.20	חומר מילוי חולי בהיר	אין	יש	4
15.31-10	1	30.10.20	חומר מילוי חולי בהיר	אין	יש	4.2
15.31-10	2	30.10.20	חולי, אדמה חרסיתית	אין	יש	3.1
15.31-10	3	30.10.20	חרסית חולית	אין	יש	2.2
15.31-10	4	30.10.20	חרסית חולית	אין	יש	1.1
15.31-10	4.2	30.10.20	חרסית חולית	אין	יש	1.0
15.31-11	0.5	30.10.20	מילוי חולי, גרגירים	אין	אין	3.2
15.31-11	1	30.10.20	מילוי חולי, גרגירים	אין	אין	1.2
15.31-11	2	30.10.20	חול חרסיתי	אין	יש	1.3
15.31-11	3	30.10.20	חול חרסיתי	אין	יש	1.1
15.31-11	4	30.10.20	חול חרסיתי	אין	יש	2.0
15.31-11	5	30.10.20	חול בהיר רטוב	אין	יש	2.8
15.31-11	6	30.10.20	חול כהה רטוב	אין	יש	2.3

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.31-12	0.5	30.10.20	חומר מילוי חולי	אין	אין	1.4
15.31-12	1	30.10.20	חומר מילוי חולי	אין	אין	3
15.31-12	2	30.10.20	חומר מילוי חולי	אין	יש	2.1
15.31-12	3	30.10.20	חומר מילוי חולי	אין	יש	0.9
15.31-12	4	30.10.20	חול חרסיתי	אין	יש	0.7
15.31-12	5	30.10.20	חול ים	אין	יש	0.7
15.31-13	0.5	30.10.20	חול כהה	אין	יש	4.1
15.31-13	1	30.10.20	חול כהה	אין	יש	2.2
15.31-13	2	30.10.20	מילוי חולי	אין	יש	2.2
15.31-13	3	30.10.20	חול חרסיתי	אין	יש	1.8
15.31-13	4	30.10.20	חול ים רטוב	אין	יש	3.2
15.31-13	5	30.10.20	חול ים רטוב	אין	יש	1.4
15.31-13	6	30.10.20	חול ים רטוב	אין	יש	3.0
15.32	0.5	15.3.20	חול	no	yes	14.5
15.32	1	15.3.20	חול	no	yes	3.3
15.32	2	15.3.20	חול	no	yes	3.7
15.32	3	15.3.20	חול	no	yes	3.3
15.32	0.5	9.6.20	חול חרסיתי	אין	יש	1.2
15.32	1	9.6.20	חול חרסיתי, נקודות שחורות	אין	יש	4.7
15.32	2	9.6.20	חול	אין	יש	0.6
15.32	3	9.6.20	חול	אין	יש	3.9
15.33	0.5	15.3.20	חול	no	yes	2.4
15.33	1	15.3.20	חול	no	yes	2.2
15.33	2	15.3.20	חול	no	yes	2.4
15.33	3	15.3.20	חול	no	yes	2.9
15.34	0.5	10.3.20	חול	no	yes	0.3
15.34	1	10.3.20	חול	no	yes	0.2
15.34	2	10.3.20	חרסית חולית	no	yes	0.3
15.34	3	10.3.20	חמרה	no	yes	0.4
15.35	0.5	15.3.20	חול/חמרה	no	yes	2.9
15.35	1	15.3.20	חול/חמרה	no	yes	2.8
15.35	2	15.3.20	חול/חמרה	no	yes	2.7
15.35	3	15.3.20	חול/חמרה	no	yes	1.9
15.36	0.5	15.3.20	חול	no	yes	2.9
15.36	1	15.3.20	חול	no	yes	1.9
15.36	2	15.3.20	חול	no	yes	1.5
15.36	3	15.3.20	חול	no	yes	2.1
15.37	0.5	15.3.20	חול	no	yes	1.4
15.37	1	15.3.20	חרסית	no	yes	1.4
15.37	2	15.3.20	חול	no	yes	1.1
15.37	3	15.3.20	חול	no	yes	1.1
15.38	0.5	15.3.20	חול	no	yes	0.7

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.38	1	15.3.20	חול	no	yes	1
15.38	2	15.3.20	חול	no	yes	1.1
15.38	3	15.3.20	חול	no	yes	1.4
15.39	0.5	7.4.20	חול חרסיתי	אין	יש	11
15.39	1	7.4.20	חול חרסיתי	אין	יש	**20.2**
15.39	2	7.4.20	חול חרסיתי	אין	יש	**22.4**
15.39	3	7.4.20	חול חרסיתי	אין	יש	11.4
15.39	4	7.4.20	חול חרסיתי	אין	יש	**20.4**
15.39	4.5	7.4.20	חול חרסיתי	אין	יש	**21.3**
15.39	4	26.4.20	חול ומעט חצץ	אין	יש	4.2
15.39	5	26.4.20	חול ומעט חצץ	אין	יש	8.7
15.39	6	26.4.20	חול ואבנים שחורת	אין	יש	10.1
15.40	0.5	7.4.20	חול	אין	יש	11.3
15.40	1	7.4.20	חול	אין	יש	13.4
15.40	2	7.4.20	חול	אין	יש	13.2
15.40	3	7.4.20	חול	אין	יש	11.5
15.40	4	7.4.20	חול	אין	יש	18.9
15.40	4.5	7.4.20	חול	אין	יש	19.7
15.40	4	26.4.20	חול	אין	יש	8.9
15.40	5	26.4.20	חול	אין	יש	16
15.40	6	26.4.20	חול ואבנים	אין	יש	10
15.41	0.5	9.3.20	חול	no	yes	1.4
15.41	1	9.3.20	חול	no	yes	1.4
15.41	2	9.3.20	חמרה	no	yes	0.4
15.41	3	9.3.20	חמרה	no	yes	0.4
15.42	0.5	15.3.20	חרסית חולית	no	no	1.6
15.42	1	15.3.20	חמרה	no	no	1.4
15.42	2	15.3.20	חול	no	yes	2.1
15.42	3	15.3.20	חול	no	yes	2
15.43	0.5	15.3.20	חרסית חולית ומילוי	no	no	0.9
15.43	1	15.3.20	חרסית חולית	no	no	1.8
15.43	2	15.3.20	חול	no	yes	2.5
15.43	3	15.3.20	חול	no	yes	3
15.44	0.5	15.3.20	מילוי	no	no	2.5
15.44	1	15.3.20	חול	no	yes	1.2
15.44	2	15.3.20	חול	no	no	1.3
15.44	3	15.3.20	חול	no	no	1.2
15.45	0.5	10.3.20	חרסית חולית	no	yes	0.9
15.45	1	10.3.20	חרסית	no	yes	0.8
15.45	2	10.3.20	חרסית חולית	no	no	0.7
15.45	3	10.3.20	חרסית חולית	no	yes	2
15.46	0.5	15.3.20	חרסית חולית	No	No	0.5

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.46	1	15.3.20	חמרה	No	No	0.3
15.46	2	15.3.20	חרסית חולית	no	yes	1.2
15.46	3	15.3.20	חמרה	no	yes	2.1
15.46	0.5	9.6.20	חומר מילוי ומעט חרסית	אין	יש	15.7
15.46	1	9.6.20	חרסית שמנה יבשה	אין	יש	19.9
15.46	2	9.6.20	חרסית חולית	אין	יש	**22.9**
15.46	3	9.6.20	חול חרסיתי	אין	יש	18.1
15.47	0.5	15.3.20	חרסית חולית	no	no	1.8
15.47	1	15.3.20	חרסית חולית	no	no	1.4
15.47	2	15.3.20	חרסית חולית	no	no	1.6
15.47	3	15.3.20	חול	no	no	1.3
15.48	0.5	15.3.20		no	yes	2.5
15.48	1	15.3.20	חרסית חולית	no	yes	1.3
15.48	2	15.3.20	חרסית	no	yes	2
15.48	3	15.3.20	חרסית	no	yes	1.8
15.49	0.5	15.3.20	מילוי	no	yes	2.7
15.49	1	15.3.20	חרסית	no	yes	2.2
15.49	2	15.3.20	חרסית	no	yes	2.1
15.49	3	15.3.20	חרסית	no	yes	2.8
15.50	0.5	15.3.20	חול ומילוי	no	no	2.1
15.50	1	15.3.20	חול ומילוי	no	yes	2.8
15.50	2	15.3.20	חרסית	no	yes	2.1
15.50	3	15.3.20	חרסית	no	yes	1.4
15.51	0.5	10.3.20	חרסית חולית	no	yes	0.4
15.51	1	10.3.20	חרסית חולית	no	yes	0.2
15.51	2	10.3.20	חרסית	no	yes	0.3
15.51	3	10.3.20	חרסית	no	no	0.3
15.52	0.5	9.3.20	מילוי	no	yes	1.5
15.52	1	9.3.20	חול	no	yes	0.7
15.52	2	9.3.20	חול ומילוי	yes	yes	0.8
15.52	3	9.3.20	חול	no	yes	0.7
15.52-1	0.5	9.6.20	חול חרסיתי	אין	יש	13.8
15.52-1	1	9.6.20	חול חרסיתי	אין	יש	13.5
15.52-1	2	9.6.20	חול חרסיתי ומילוי	אין	יש	11.2
15.52-1	3	9.6.20	חול חרסיתי	אין	יש	10.7
15.52-2	0.5	9.6.20	חול ומעט אבני גיר	אין	יש	3.8
15.52-2	1	9.6.20	חול חרסיתי	אין	יש	4.6
15.52-2	2	9.6.20	חול חרסיתי לח מאוד	אין	יש	6.8
15.52-2	3	9.6.20	חול חרסיתי לח	אין	יש	4.4
15.52-3	0.5	9.6.20	חול	אין	יש	10.7
15.52-3	1	9.6.20	חול חרסיתי לח מאוד	אין	יש	11.7
15.52-3	2	9.6.20	חומר מילוי חולי ומצע	אין	יש	13.5

שם קידוח	עומק (מ')	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.52-3	3	9.6.20	חול חרסיתי	אין	יש	15.6
15.53	0.5	9.3.20	חול	no	yes	0.7
15.53	1	9.3.20	חול	no	yes	0.7
15.53	2	9.3.20	חול	no	yes	0.7
15.53	3	9.3.20	חול	no	yes	0.2
15.53b	0.5	9.3.20	חול	no	yes	0.5
15.53b	1	9.3.20	חול	no	yes	0.8
15.53b	2	9.3.20	חול			0.5
15.53b	3	9.3.20	חול			0.7
15.54	0.5	9.3.20	חול	yes	yes	0.7
15.54	1	9.3.20	חול	yes	yes	0.6
15.54	2	9.3.20	חול	yes	yes	0.3
15.54	3	9.3.20	חול	yes	yes	0.2
15.54	0.5	8.6.20	חול חרסיתי	אין	יש	1.8
15.54	1	8.6.20	חול חרסיתי, אספלט	יש	יש	6.9
15.54	2	8.6.20	חול חרסיתי, מעט חומר מילוי	אין	יש	5.5
15.54	3	8.6.20				4.7
15.54-1	0.5	8.6.20	חול חרסיתי	אין	יש	11.4
15.54-1	1	8.6.20	חול חרסיתי ואספלט (נקבוביות)	אין	יש	13.9
15.54-1	2	8.6.20	חול חרסיתי	אין	יש	11.3
15.54-1	3	8.6.20	חול	אין	יש	12.7
15.54-2	0.5	9.6.20	חול ומעט מצע	אין	יש	5
15.54-2	1	9.6.20	חול	אין	יש	9.7
15.54-2	2	9.6.20	חול	אין	יש	3
15.54-2	3	9.6.20	חול ומעט צדפים	אין	יש	9.7
15.54-3	0.5	9.6.20	חול ומצע	אין	יש	2.2
15.54-3	1	9.6.20	חול	אין	יש	1.2
15.54-3	2	9.6.20	חול ומעט מצע	אין	יש	9
15.54-3	3	9.6.20	חול	אין	יש	10.2
15.54-4	0.5	29.7.20	חול	אין	יש	4.2
15.54-4	1	29.7.20	חול	אין	יש	6.8
15.54-4	2	29.7.20	חול	אין	יש	3.7
15.54-4	3	29.7.20	חול	אין	יש	3.4
15.54-5	0.5	29.7.20	חול ומעט אבני מילוי	אין	יש	3.1
15.54-5	1	29.7.20	חול ומעט אבני מילוי	אין	יש	1.1
15.54-5	2	29.7.20	חול מילוי	אין	אין	2.6
15.54-5	3	29.7.20	חול	אין	יש	2
15.54-6	0.5	29.7.20	חול ומעט אבנים	אין	יש	2.3
15.54-6	1	29.7.20	חול ומעט אבנים	אין	יש	2.4
15.54-6	2	29.7.20	חול	אין	יש	1.3
15.54-6	3	29.7.20	חול	אין	יש	3.1
15.54-7	0.5	29.7.20	חול	אין	יש	2.1

שם קידוח	עומק (מ׳)	תאריך ביצוע	ליתולוגיה	ריח	לחות	PID [PPM]
15.54-7	1	29.7.20	חול	אין	יש	4.1
15.54-7	2	29.7.20	חול	אין	יש	3.8
15.54-7	3	29.7.20	חול	אין	יש	1.2
15.55	1	9.3.20	חול	no	yes	0.4
15.55	2	9.3.20	חול	no	yes	0.2
15.55	3	9.3.20	חול	no	yes	0.6
15.56	0.5	15.3.20	חרסית ומילוי	no	yes	1.2
15.56	1	15.3.20	חול ומילוי	no	yes	2.5
15.56	2	15.3.20	חול	no	yes	2.6
15.56	3	15.3.20	חול	no	yes	3.2
15.57	0.5	15.3.20	חול	no	yes	2
15.57	1	15.3.20	חול	yes	yes	3.1
15.57	2	15.3.20	חול	no	yes	3.5
15.57	3	15.3.20	חול	no	yes	3.1
15.58	0.5	9.3.20	חול	yes	yes	0.1
15.58	1	9.3.20	חול	no	yes	0.1
15.58	2	9.3.20	חול	no	yes	0.1
15.58	3	9.3.20	חול	no	yes	0
15.58	0.5	8.6.20	חול חרסיתי, מעט אבני גיר	אין	יש	2.3
15.58	1	8.6.20	חרסית חולית	אין	יש	0.8
15.58	2	8.6.20	חול ומעט צדפים	אין	יש	4.5
15.58	3	8.6.20	חול ומעט צדפים	אין	יש	1.1
15.58-1	0.5	8.6.20	חול חרסיתי	אין	יש	0.8
15.58-1	1	8.6.20	חול ומעט אבנים	אין	יש	1.1
15.58-1	2	8.6.20	חול חרסיתי	אין	יש	0.5
15.58-1	3	8.6.20	חול חרסיתי	אין	יש	0.4
15.58-2	0.5	8.6.20	חול חרסיתי	אין	יש	3.8
15.58-2	1	8.6.20	חול חרסיתי	אין	יש	11.9
15.58-2	2	8.6.20	חול חרסיתי	אין	יש	3.6
15.58-2	3	8.6.20	חול	אין	יש	10
15.58-3	0.5	8.6.20	חול חרסיתי, מעט חומר מילוי	אין	יש	0.7
15.58-3	1	8.6.20	חול ושברי צדפים	אין	יש	2.5
15.58-3	2	8.6.20	חול ושברי צדפים	אין	יש	1.7
15.58-3	3	8.6.20	חול	אין	יש	13.9
15.59	0.5	9.3.20	חול	no	yes	0.1
15.59	1	9.3.20	חול	no	yes	0.1
15.59	2	9.3.20	חול	no	yes	0.1
15.59	3	9.3.20	חול	no	yes	0.1

טבלה 10: תוצאות אנליזת TPH עבור קידוחי קרקע בתא 9, בפוליגון השחור

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
-	<12	<10	0.019	0.5m	9.1
-	<35	<35	0.019	0.5m-SPLIT	9.1
-	<12	<10	0.033	1m	9.1
32	15	17	0.021	0.5m	9.2
15	<12	15	0.052	1m	9.2
24	13	11	0	0.5m	9.3
-	<12	<10	0.013	3m	9.3
-	<12	<10	0.013	3m-DUP	9.3
-	<12	<10	0.016	0.5m	9.4
-	<12	<10	0.19	3m	9.4
-	<12	<10	0.024	0.5m	9.5
-	<12	<10	0.015	3m	9.5
-	<12	<10	3.1	0.5m	9.6
-	<12	<10	3	3m	9.6
-	<12	<10	3.3	0.5m	9.7
-	<12	<10	0.7	3m	9.7
-	<35	<35	0.7	3m - SPLIT	9.7
-	<12	<10	0.7	3m - DUP	9.7
54	20	34	3.1	0.5m	9.8
-	<12	<10	2.9	3m	9.8
-	<12	<10	2.6	0.5m	9.9
-	<12	<10	2.3	3m	9.9
12	<12	12	1.1	0.5m	9.10
-	<12	<10	2.4	3m	9.10
-	<12	<10	2.9	0.5m	9.11
-	<12	<10	2.1	3m	9.11
-	<12	<10	3.6	0.5m	9.12
-	<12	<10	1.3	3m	9.12
-	<12	<10	0.026	0.5m	9.22
-	<12	<10	0.024	3m	9.22
-	<12	<10	0.031	0.5m	9.23
-	<35	<35	0.031	0.5m -SPLIT	9.23
-	<12	<10	0.024	3m	9.23

טבלה 11: תוצאות אנליזת TPH עבור קידוחי קרקע בתא 10, בפוליגון השחור

קידוח קרקע	עומק (מ')	PID (PPM)	TPH ORO	TPH DRO	TPH Total DRO+ORO
10.1	0.5m	2.8	<10	<12	-
10.1	3m	0.4	<10	<12	-
10.1	4.2m	1.1	<10	<12	-
10.2	0.5m	1.6	<10	<12	-
10.2	3m	2.9	<10	<12	-
10.2	4.2m	3.6	<10	<12	-
10.3	0.5m	2.8	<10	<12	-
10.3	0.5m-SPLIT	2.8	<35	<35	-
10.3	3m	2.7	<10	<12	-
10.4	0.5m	1.6	<10	<12	-
10.4	3m	1.8	<10	<12	-
10.5	0.5m	0.1	<10	<12	-
10.5	3m	2.2	<10	<12	-
10.6	0.5m	0.1	<10	<12	-
10.6	3m	0.3	<10	<12	-
10.7	0.5m	2.4	<10	<12	-
10.7	3m	2.2	<10	<12	-
10.8	0.5m	0.3	<10	<12	-
10.8	0.5-SPLIT	0.3	<35	<35	-
10.8	1.6m	1.3	<10	<12	-
10.9	0.5m	2.4	<10	<12	-
10.9	0.5m-SPLIT	2.4	<35	<35	-
10.9	3m	2.9	<10	<12	-
10.10	0.5m	2.1	18	<12	18
10.10	3m	0.7	<10	<12	-
10.11	0.5m	2.6	<10	<12	-
10.11	0.5m-SPLIT	2.6	<35	<35	-
10.11	3m	3.5	<10	<12	-
10.12	1m	7.4	<10	<12	-
10.12	3m	7.9	<10	<12	-
10.13	0.5m	5.5	16	<12	16
10.13	3m	5.9	<10	<12	-
10.14	0.5m	2.8	<10	15	15
10.14	3m	1.4	<10	<12	-
10.14	4.2m	0.5	<10	<12	-
10.15	0.5m	6.1	<10	32	32
10.15	3m	5.8	13	<12	13
10.15	3m - DUP	5.8	15	13	28
10.16	0.5m	6.1	128	24	152

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
135	26	109	6.1	0.5m**	10.16
455	101	354	5.5	3m	10.16
-	<12	<10	6.8	2m	10.16
-	<12	<10	5.5	3m**	10.16
-	<12	<10	14.8	0.5m	10.16-1
33	33	<10	30.1	3m	10.16-1
-	<12	<10	10.2	0.5m	10.16-2
125	57	68	33.4	3m	10.16-2
-	<12	<10	13.6	1m	10.16-3
-	<12	<10	17.1	3m	10.16-3
-	<12	<10	4.5	0.5m	10.17
-	<12	<10	5.5	3m	10.17
43	12	31	0.029	1m	10.18
-	<12	<10	0.033	3m	10.18
40	12	28	0.021	0.5m	10.19
-	<12	<10	0.026	4m	10.19
-	<12	<10	4.1	0.5m - DUP	10.20
-	<12	<10	4.1	0.5m	10.20
-	<12	<10	2	3m	10.20
137	44	93	3	0.5m	10.21
11,010	9,650	1,360	17.5	2m	10.21
56	56	<10	7.4	3m	10.21
111	35	76	12.7	0.5m	10.21-1
-	<12	<10	3	3m	10.21-1
-	<12	<10	8	0.5m	10.21-2
-	<12	<10	10.5	3m	10.21-2
280	65	215	76.6	1m	10.21-3-SPLIT
315	159	156	76.6	1m	10.21-3
12,770	9,600	3,170	202.4	2m	10.21-3
-	<12	<10	27.2	3m	10.21-3
22	<12	22	0.4	0.5m	10.21-4
-	<12	<10	0.7	3m	10.21-4
-	<12	<10	6.9	0.5m	10.21-5
5,339	5,110	229	449.7	2m	10.21-5
-	<12	<10	14.3	3m	10.21-5
54	15	39	0.4	0.5m	10.21-6
-	<12	<10	0.4	3m	10.21-6
2,239	2,140	99	30.7	1m	10.22
113	113	<10	57.4	4m	10.22
-	<12	<10	7	4.5m	10.22

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
7,157	6,850	307	5.3	1m	10.22-1
-	<12	<10	15.4	3m	10.22-1
2,124	614	1,510	2.3	0.5m	10.22-2
3,119	869	2,250	2.3	0.5m	10.22-2-DUP
-	<12	<10	35.6	2.5m	10.22-2
-	<12	<10	217.1	1m	10.22-3
-	<12	<10	0.7	0.5m	10.22-4
-	<35	<35	0.7	0.5m-Split	10.22-4
3,782	3,670	112	72.3	2m	10.22-4
-	<12	<10	4.6	3m	10.22-4
-	<12	<10	0.6	0.5m	10.22-5
-	<35	<35	0.6	0.5m-SPLIT	10.22-5
3,712	3,570	142	495.8	2m	10.22-5
-	<12	<10	6.3	3m	10.22-5
5,160	4,840	320	257.7	1m	10.22-6
22	22	<10	13.7	3m	10.22-6
30	30	<10	13.7	3m-DUP	10.22-6
23	<12	23	0.6	0.5m	10.22-7
3,342	3,190	152	18.9	2m	10.22-7
-	<12	<10	2.7	2.5m	10.22-7
17	<12	17	1.6	0.5m	10.22-8
21	<12	21	1.6	0.5m-DUP	10.22-8
14	14	<10	4.8	2.5m	10.22-8
1,211	1,120	91	48	0.5m	10.22-9
733	715	18	250.8	2m	10.22-9
-	<12	<10	13.2	2.5m	10.22-9
-	<12	<10	5	0.5m	10.22-10
-	<12	<10	6.5	2.5m	10.22-10
38	14	24	0.4	0.5m	10.22-11
-	<12	<10	0.7	2.5m	10.22-11
-	<12	<10	3.5	0.5m	10.22-12
-	<12	<10	1.4	2.5m	10.22-12
10	<12	10	1.5	0.5m	10.22-13
-	<12	<10	1.4	2.5m	10.22-13
57	14	43	5.2	0.5m	10.23
-	<12	<10	5	3m	10.23
-	<12	<10	2	0.5m	10.24
-	<12	<10	5.9	3m	10.24
-	<12	<10	0.5	0.5m	10.25
-	<12	<10	3.7	3m	10.25

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
39	16	23	2.4	0.5m	10.26
-	<12	<10	3.6	3m	10.26
-	<12	<10	0.5	0.5m	10.27
-	<12	<10	2.3	3m	10.27
-	<12	<10	5.2	0.5m	10.28
-	<12	<10	5.3	3m	10.28
-	<12	<10	3	0.5m	10.29
-	<12	<10	4.5	3m	10.29
-	<12	<10	4.5	0.5m	10.30
-	<12	<10	5.7	3m	10.30
-	<12	<10	5.5	0.5m	10.31
-	<12	<10	5.7	3m	10.31

** נדגם פעמיים בעקבות העמקת הקידוח

טבלה 12: תוצאות אנליזת TPH עבור קידוחי קרקע בתא 11, בפוליגון השחור

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
630	114	516	0.4	0.5m	11.17
-	<12	<10	0.4	3m	11.17
372	64	308	5.4	1m	11.17-1
-	<12	<10	3.3	3m	11.17-1
-	<12	<10	12.4	1m	11.17-2
-	<12	<10	10.3	3m	11.17-2
-	<35	<35	17.4	1m	11.17-3-SPLIT
-	<12	<10	17.4	1m	11.17-3
-	<12	<10	13.2	3m	11.17-3
225	52	173	0.8	0.5m	11.17-4
-	<12	<10	1.2	3m	11.17-4
209	45	164	0.8	0.5m	11.17-5
-	<12	<10	2	3m	11.17-5
-	<12	<10	0.6	0.5m	11.17-6
-	<12	<10	3.1	3m	11.17-6
-	<12	<10	2.8	0.5m	11.17-7
-	<12	<10	1.8	3m	11.17-7
424	72	352	1.2	0.5m	11.17-8
-	<12	<10	1.4	3m	11.17-8
	<12	<10		1m	11-17-9
	<12	<10		3m	11-17-9

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
	<12	<10		0.5m	11-17-10
	<12	<10		2m	11-17-10
	<12	<10		3m	11-17-10
	35	155		1m	11-17-11
	<12	<10		3m	11-17-11
-	<12	26	0.3	0.5m	11.18
-	19	60	1.2	3m	11.18
-	<12	<10	2.1	0.5m	11.19
-	<12	<10	0.1	3m	11.19
-	<12	12	5.9	0.5m	11.20
-	<12	14	5.9	0.5m - DUP	11.20
-	<12	<10	0.2	3m	11.20

טבלה 13: תוצאות אנליזת TPH עבור קידוחי קרקע בתא 12, בפוליגון השחור

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
-	<12	<10	17.1	0.5m	12.1
-	<12	<10	18.2	3m	12.1
-	<12	<10	19.7	1m	12.2
-	<12	<10	19.1	5m	12.2
-	<12	<10	6.5	6m	12.2
-	<12	<10	**29.5**	0.5m	12.3
-	<12	<10	**29.5**	0.5m-DUP	12.3
-	<12	<10	10.7	4.5m	12.3
76	20	56	10.2	0.5m	12.4
-	<12	<10	9.5	3m	12.4

טבלה 14: תוצאות אנליזת TPH עבור קידוחי קרקע בתא 13, בפוליגון השחור

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
-	<12	<10	1.2	0.5m	13.1
-	<35	<35	1.2	3m - SPLIT	13.1
-	<12	<10	2.3	3m	13.1
-	<12	<10	0.5	0.5m	13.2
-	<12	<10	2.1	3m	13.2
-	<12	<10	1.2	6m	13.2
-	<12	<10	1.1	7.5m	13.2

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
-	<12	<10	2.1	0.5m	13.3
-	<12	<10	2.1	0.5m - DUP	13.3
-	<35	<35	2.1	0.5m - SPLIT	13.3
-	<12	<10	2.4	3m	13.3
-	<12	<10	2.4	1m	13.4
-	<12	<10	2.6	3m	13.4
-	<12	<10	1.1	0.5m	13.5
-	<12	<10	1.6	3m	13.5
-	<12	<10	1.9	0.5m	13.6
-	<12	<10	0.2	3m	13.6
-	<12	<10	1.4	0.5m	13.7
-	<12	<10	1	3m	13.7
-	<12	<10	2.3	0.5m	13.8
-	<12	<10	1.7	3m	13.8
-	<12	<10	2	0.5m	13.9
-	<35	<35	2	0.5m - SPLIT	13.9
-	<12	<10	1.7	3m	13.9
-	<12	<10	1.7	3m - DUP	13.9
-	<12	<10	0.6	0.5m	13.10
-	<12	<10	1.4	3m	13.10
35	16	19	4.1	0.5m	13.11
-	<12	<10	2.3	3m	13.11
-	<12	<10	3.7	0.5m - DUP	13.12
-	<12	<10	3.7	0.5m	13.12
-	<12	<10	4.8	3m	13.12
12	<12	12	5.2	0.5m	13.13
-	<12	<10	5	3m	13.13
-	<12	<10	2.3	0.5m	13.14
-	<12	<10	2.2	3m	13.14
24	<12	24	1.6	0.5m	13.15
-	<12	<10	2.1	3m	13.15
-	<12	<10	3.2	0.5m	13.16
-	<35	<35	3.2	0.5m-SPLIT	13.16
-	<12	<10	2.4	3m	13.16
-	<12	<10	1	0.5m	13.17
-	<12	<10	1	0.5m - DUP	13.17
-	<12	<10	2.2	3m	13.17
-	<12	<10	2.9	0.5m	13.18
-	<12	<10	2.6	3m	13.18

טבלה 15: תוצאות אנליזת TPH עבור קידוחי קרקע בתא 15, בפוליגון השחור

קידוח קרקע	עומק (מ')	PID (PPM)	TPH ORO	TPH DRO	TPH Total DRO+ORO
15.1	0.5m	1	<10	13	13
15.1	3m	1.2	<10	<12	-
15.2	0.5m	6.7	23	15	38
15.2	3m	6.8	<10	<12	-
15.2	0.5m-SPLIT	6.8	<35	<35	-
15.3	2m	0.7	<10	<12	-
15.3	3m	0.8	<10	<12	-
15.4	0.5m	1.4	<10	<12	-
15.4	3m	1.6	<10	<12	-
15.5	1m	1.2	<10	<12	-
15.5	3m	1.2	<10	<12	-
15.6	0.5m	0.2	<10	<12	-
15.6	3m	0.5	<10	<12	-
15.7	0.5m	0.9	<10	<12	-
15.7	3m	1	<10	<12	-
15.8	0.5m	1.1	<10	<12	-
15.8	3m	2.6	<10	<12	-
15.9	3m	1.2	<10	<12	-
15.9	3m - DUP	1.2	<10	<12	-
15.10	0.5m	1	<10	<12	-
15.10	3m	0.9	<10	<12	-
15.11	0.5m	0.5	<10	<12	-
15.11	3m	1.6	<10	<12	-
15.12	0.5m	1.6	<10	<12	-
15.12	2m	0.9	<10	<12	-
15.12	4m	0.7	<10	<12	-
15.12	6m	0.4	<10	<12	-
15.12	7m	1.3	<10	<12	-
15.12	7.5m	1.3	<10	<12	-
15.12	7.5m - DUP	1.3	<10	<12	-
15.13	0.5m	0.5	<10	<12	-
15.13	3m	1.1	<10	<12	-
15.14	0.5m	0.5	<10	<12	-
15.14	3m	0.9	<10	<12	-
15.15	0.5m	0.8	<10	<12	-
15.15	1m	0.9	<10	<12	-

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ׳)	קידוח קרקע
-	<12	<10	0.9	3m	15.15
-	<12	<10	0.7	0.5m	15.16
-	<12	<10	0.9	1m	15.16
-	<12	<10	0.6	3m	15.16
-	<12	<10	1.1	0.5m	15.17
-	<12	<10	1.5	3m	15.17
-	<35	<35	1.5	0.5m-SPLIT	15.17
-	<12	<10	1.3	0.5m	15.18
-	<12	<10	0.9	3m	15.18
-	<12	<10	0.5	0.5m	15.19
-	<12	<10	1.8	3m	15.19
-	<12	<10	0.6	1m	15.20
-	<12	<10	0.2	3m	15.20
-	<12	<10	0.2	1m	15.21
-	<12	<10	0.1	3m	15.21
-	<12	<10	0.5	1m	15.22
-	<12	<10	0.2	3m	15.22
-	<12	<10	2.5	0.5m	15.23
-	<12	<10	3.2	3m	15.23
-	<12	<10	3.2	3m - DUP	15.23
-	<12	<10	5.7	0.5m	15.24
-	<12	<10	5.7	0.5m - DUP	15.24
-	<12	<10	2.6	3m	15.24
-	<12	<10	1.2	0.5m	15.25
-	<12	<10	2	3m	15.25
-	<35	<35	2	3m-SPLIT	15.25
-	<12	<10	2.6	0.5m	15.26
-	<12	<10	2.1	3m	15.26
-	<12	<10	2.5	1m	15.27
-	<12	<10	2	3m	15.27
24	<12	24	2.4	0.5m	15.28
-	<12	<10	2.9	3m	15.28
-	<35	<35	2.9	3m-SPLIT	15.28
10	<12	10	0.1	1m	15.29
28	<12	28	0.2	3m	15.29
-	<12	<10	0.2	1m	15.30
-	<12	<10	0.2	3m	15.30
-	<12	<10	0.1	0.5m	15.31
-	<35	<35	0.1	0.5m-SPLIT	15.31
32	13	19	0.2	2m	15.31

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
-	<12	<10	0.2	3m	15.31
-	<12	<10	14.5	0.5m	15.32
-	<12	<10	3.3	3m	15.32
-	<12	<10	2.4	0.5m	15.33
-	<12	<10	2.9	3m	15.33
-	<12	<10	0.3	0.5m	15.34
11	<12	11	0.3	0.5m- DUP	15.34
-	<12	<10	0.4	3m	15.34
-	<12	<10	2.9	0.5m	15.35
-	<12	<10	1.9	3m	15.35
-	<12	<10	1.9	1m	15.36
-	<12	<10	2.1	3m	15.36
-	<35	<35	2	3m-SPLIT	15.36
-	<12	<10	1.4	0.5m	15.37
-	<12	<10	1.1	3m	15.37
-	<12	<10	0.7	0.5m	15.38
-	<12	<10	1.4	3m	15.38
264	37	227	11	0.5m	15.39
-	<12	<10	**22.4**	2m	15.39
-	<12	28	**21.3**	4.5m	15.39
-	<12	<10	10.1	6m	15.39
-	<12	<10	11.3	0.5m	15.40
-	<35	<35	11.3	0.5m-SPLIT	15.40
-	<12	<10	19.7	4.5m	15.40
-	<12	<10	10	6m	15.40
-	<12	<10	1.4	1m	15.41
-	<12	<10	0.4	3m	15.41
-	<12	<10	1.6	0.5m	15.42
-	<12	<10	2	3m	15.42
-	<12	<10	0.9	0.5m	15.43
-	<12	<10	1.8	1m	15.43
-	<12	<10	3	3m	15.43
-	<12	<10	1.2	1m	15.44
-	<12	<10	1.2	3m	15.44
-	<12	<10	0.9	0.5m	15.45
-	<12	<10	0	3m	15.45
-	<12	<10	0.7	2m	15.45
-	<12	<10	0.5	0.5m	15.46
-	<12	<10	0.2	2.4m- DUP	15.46
-	<12	<10	0.2	2.4m	15.46

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ')	קידוח קרקע
-	<12	<10	2.1	3m	15.46
-	<12	<10	1.8	0.5m	15.47
-	<12	<10	1.3	3m	15.47
-	<35	<35	1.3	3m-SPLIT	15.47
-	<12	<10	1.3	1m	15.48
-	<12	<10	1.8	3m	15.48
-	<12	<10	2.2	1m	15.49
-	<12	<10	2.8	3m	15.49
-	<12	<10	2.1	2m	15.50
-	<12	<10	1.4	3m	15.50
-	<35	<35	1.4	3m-SPLIT	15.50
-	<12	<10	0.4	0.5m	15.51
-	<12	<10	0.3	3m	15.51
95	35	60	0.1	0.5m -DUP	15.52
135	45	90	1.5	0.5m	15.52
-	<12	<10	0.7	1m	15.52
785	244	541	0.8	2m	15.52
-	<12	<10	0.7	3m	15.52
-	<12	<10	13.8	0.5m	15.52-1
-	<12	<10	10.7	3m	15.52-1
-	<12	<10	3.8	0.5m	15.52-2
-	<12	<10	4.4	3m	15.52-2
-	<12	<10	10.7	0.5m	15.52-3
-	<12	<10	15.6	3m	15.52-3
-	<12	<10	0.7	1m	15.53
-	<12	<10	0.2	3m	15.53
-	<12	<10	0.5	0.5m	15.53B
-	<12	<10	0.7	3m	15.53B
4,805	4,520	285	0.6	1m	15.54
-	<12	<10	0.2	3m	15.54
	<12	<10		0.5m	15-54-1
	<12	<10		3m	15-54-1
<34	<12	22	5.0	0.5m	15.54-2
	<12	<10		3m	15.54-2
-	<12	<10	2.2	0.5m	15.54-3
	<12	<10		3m	15.54-3
-	<12	<10	4.2	0.5m	15.54-4
197	177	20	3.4	3m	15.54-4
-	<12	<10	3.1	0.5m	15.54-5
-	<12	<10	2.0	3m	15.54-5
-	<12	<10	2.3	0.5m	15.54-6

TPH Total DRO+ORO	TPH DRO	TPH ORO	PID (PPM)	עומק (מ׳)	קידוח קרקע
-	<12	<10	3.1	3m	15.54-6
-	<12	<10	2.1	0.5m	15.54-7
-	<12	<10	1.2	3m	15.54-7
19	19	<10	0.4	1m	15.55
-	<12	<10	0.6	3m	15.55
26	<12	26	2.6	2m	15.56
-	<12	<10	3.2	3m	15.56
-	<35	<35	3.2	3m-SPLIT	15.56
69	<12	69	3.1	1m	15.57
-	<12	<10	3.1	3m	15.57
-	<35	<35	3.1	3m-SPLIT	15.57
12	<12	12	0.1	1m	15.58
-	<12	<10	0	3m	15.58
22	<12	22	0.1	1m	15.59
-	<12	<10	0.1	3m	15.59

טבלה 16: תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 9, בפוליגון השחור

קידוח ועומק (מ')																		
9.23	9.22	9.12	9.11	9.10	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.2	9.1	9.1			
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5 split	0.5	*VSL	פרמטר [mg/kg]	
973	1120	1430	2510	2860	1520	2240	2970	2350	1210	1580	2690	3760	2660	2260	1070	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	31.3	אנטימון	Sb
1.15	1.03	1.53	2.17	2.28	1.56	6.38	4.67	5.9	<0.50	1.99	2.23	1.18	1.28	1.64	1.45	16.0	ארסן	As
9.79	9.14	12.2	15	19.1	13	27.4	20	26.6	10.7	15.4	19.9	27.1	20	35.9	9.24	15,557	בריום	Ba
0.026	0.034	0.046	0.061	0.075	0.044	0.05	0.065	0.065	0.036	0.043	0.081	0.112	0.064	0.118	0.026	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	NA	ביסמוט	Bi
<1.0	<1.0	1.4	1.5	1.9	<1.0	1.7	2.3	1.6	<1.0	1.1	1.9	2.3	2.1	1.91	<1.0	1,232	בורון	B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.215	<0.40	71	קדמיום	Cd
41400	43600	60000	67400	64000	25600	112000	145000	81000	37600	47700	66700	55000	100000	61000	24400	NA	סידן	Ca
3.04	3.36	3.92	5.51	5.66	3.8	5.67	5.91	6.02	3.48	4.36	8.96	7.29	5.27	6.76	3.13	109,449	כרום	Cr
0.59	0.68	0.86	1.13	1.26	0.88	1.08	1.14	1.2	0.68	0.85	1.42	1.74	1	4.08	0.62	23	קובלט	Co
<1.0	<1.0	1.2	2.4	3.1	<1.0	5.8	2.4	1.8	<1.0	4.4	5.2	6.3	7.3	9.1	<1.0	3,129	נחושת	Cu
1160	1340	1620	2360	2670	1500	2600	2620	2700	1400	2110	2700	3820	3360	2990	1270	10,165	ברזל	Fe
<1.0	<1.0	1.5	5.5	5.1	1.1	24.6	2.5	5.6	2.6	4.3	15.4	7.1	6.2	3.44	<1.0	40	עופרת	Pb
1	1.1	1.4	2.3	2.7	1.4	2	3.4	2.1	1.1	1.4	3.4	4.5	3.1	4.46	<1.0	156	ליתיום	Li
490	684	1220	1120	2370	557	1120	30400	932	592	1000	4390	3410	23100	3580	403	NA	מגנזיום	Mg
51.9	72.7	86.8	91.2	101	48.6	98.1	108	135	59.6	73.2	99	95.4	67.9	124	92.8	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.159	<0.40	391	מוליבדן	Mo
1	1.2	2.4	3.1	7.4	1.8	6.5	4.3	2.8	1.7	10.8	10.6	8.8	6.8	5.01	1	528	ניקל	Ni
114	111	119	164	144	101	180	146	194	107	131	138	139	128	158	107	NA	זרחן	P
147	181	201	298	374	231	280	417	291	202	264	379	445	406	366	179	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	20	סלניום	Se

קידוח ועומק (מ')																	
9.23	9.22	9.12	9.11	9.10	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.2	9.1	9.1		
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5 split	0.5	VSL*	פרמטר [mg/kg]	
241	270	348	269	260	298	252	320	230	304	212	238	194	225	-	332	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	338	כסף	Ag
222	185	219	270	196	120	352	245	254	188	169	248	196	218	170	121	NA	נתרן	Na
140	138	258	254	335	114	664	314	359	134	174	210	149	164	105	84.6	46,929	סטרונציום	Sr
65	62	80	154	136	88	281	206	94	53	70	145	295	312	-	44	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	<1.0	46,929	בדיל	Sn
55.8	56.9	80	167	139	76	143	175	173	67.7	74.2	123	163	108	135	53.2	NA	טיטניום	Ti
2.4	2.58	6.85	18.5	15.1	7.22	27.9	21.6	9.29	6.78	17	19.6	16.1	15.6	12.7	6.01	390	וונדיום	V
3.6	3.4	5.2	10.6	34.6	4.1	155	7.7	11.1	39.2	18	19.5	25.8	42.5	23.5	3.1	23,464	אבץ	Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	6.26	זירקוניום	Zr

(*) נעשתה השוואה לערכי VSL (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

טבלה 17: תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 10, בפוליגון השחור

קידוח ועומק (מ')																
10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.3	10.2	10.1	קידוח רקע			
0.5 SPLIT	0.5	0.5 SPLIT	0.5	3	0.5	0.5	0.5	0.5	0.5 SPLIT	0.5	3	0.5	0.5	*VSL	פרמטר [mg/kg]	
1570	1170	1150	875	1690	1000	1060	5230	1000	741	1100	16500	1220	26700	77,999	אלומיניום	Al
<0.6	<0.50	<0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
1.56	0.96	1.55	<0.50	1.46	1.39	<0.50	3.76	1.22	1.5	0.76	1.47	2.12	1.65	16.0	ארסן	As
20.7	12.4	2604	8.83	14.3	12.6	10	32.8	11	15.2	11.7	107	14.6	99.6	15,557	בריום	Ba
0.0696	0.026	0.0498	0.029	0.057	0.035	0.025	0.13	0.022	0.0347	0.031	0.455	0.049	0.735	156	בריליום	Be
6.32	<1.0	6.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	8.35	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.35	1.1	1.09	<1.0	1.3	1.1	<1.0	2.4	1.1	0.825	<1.0	5.2	1.5	5.9	1,232	בורון	B
<0.02	<0.40	<0.02	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.02	<0.40	<0.40	<0.40	<0.40	71	קדמיום	Cd
46200	48500	25000	38200	58600	62600	39500	99900	52800	36400	29300	173000	123000	30200	NA	סידן	Ca
4.87	3.69	4.62	2.7	5.29	3.14	3.29	9.89	3.35	4.16	3.76	22.6	3.24	38.2	109,449	כרום	Cr
8.33	0.74	9.65	0.55	0.82	0.62	0.67	2.31	0.72	9.79	0.72	4.81	0.73	11.6	23	קובלט	Co
2.08	1.1	2.16	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	<1.4	<1.0	4.6	<1.0	17.4	3,129	נחושת	Cu
2800	1510	2230	1060	1980	1290	1260	5980	1390	1670	1400	16300	1640	24200	10,165	ברזל	Fe
1.87	1.6	1.46	<1.0	<1.0	<1.0	<1.0	4.9	1.5	<0.7	<1.0	2.8	<1.0	13	40	עופרת	Pb
	<1.0	7.72	1.2	1.4	<1.0	1	4.8	<1.0	8.17	1.1	16.8	1.2	19.7	156	ליתיום	Li
2860	776	875	855	903	741	556	5080	672	568	541	5840	1260	6060	NA	מגנזיום	Mg
86.2	72	59.7	50.3	98.4	90.7	41.3	129	71.6	72.5	60.8	487	111	559	1,865	מנגן	Mn
<0.14	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
0.14	<0.40	0.213	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.163	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
5.14	2.5	2.13	1	1.5	<1.0	1.3	15.9	1.5	1.56	1.3	10.7	1.1	42.6	528	ניקל	Ni
143	106	261	81.9	117	107	94.8	161	112	97.5	115	206	135	139	NA	זרחן	P
319	203	299	135	244	159	149	642	166	190	166	2160	203	1690	NA	אשלגן	K
<1	<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
-	307	-	281	266	289	322	266	290	-	264	185	270	238	NA	סיליקון	Si

קידוח ועומק (מ')															
10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.3	10.2	10.1	קידוח רקע		
0.5 SPLIT	0.5	0.5 SPLIT	0.5	3	0.5	0.5	0.5	0.5	0.5 SPLIT	0.5	3	0.5	0.5	*VSL	פרמטר [mg/kg]
<10	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	338	כסף Ag
349	178	198	159	211	221	219	202	204	203	127	508	394	296	NA	נתרן Na
189	150	113	136	257	246	149	360	169	160	105	1690	380	119	46,929	סטרונציום Sr
-	62	-	67	110	76	81	201	72	-	38	237	142	104	NA	גופרית S
<1	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	NA	טלור Te
<0.7	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	0.782	תליום Tl
<0.24	<1.0	0.318	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	<1.0	<1.0	<1.0	<1.0	46,929	בדיל Sn
123	66	40.8	41.7	60.8	48.9	70.6	276	62.9	45.8	93.6	358	53.6	1090	NA	טיטניום Ti
10.9	7	8.56	7.49	4.3	4.82	3.03	21.7	5.65	5.43	4.87	23.8	5.9	152	390	וונדיום V
10.1	4.8	35.3	17	<3.0	<3.0	<3.0	20.6	4.6	3.03	<3.0	16	<3.0	33.8	23,464	אבץ Zn
-	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	9	<5.0	9.5	6.26	זירקוניום Zr

קידוח ועומק (מ')															
10.16-3	10.16-1	10.16-1	10.16	10.16	10.16	10.16	10.15	10.14	10.13	10.12	10.11	10.11	10.10		
1	3	0.5	3	3	0.5	0.5	0.5	0.5	0.5	0.5	0.5 SPLIT	0.5	0.5	*VSL	פרמטר [mg/kg]
4910	3360	1370	977	5570	2740	1030	4450	1240	2650	1090	1660	1370	1190	77,999	אלומיניום Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	31.3	אנטימון Sb
4.16	3.59	1.95	3.64	<0.50	3.65	<0.50	2.86	1.24	2.18	0.56	3.68	0.72	1.37	16.0	ארסן As
31	28.6	11.7	16.4	44.4	19.6	9.34	25.2	12.2	17.9	14.6	25.5	14.1	12.3	15,557	בריום Ba
0.12	0.098	0.05	0.041	0.15	0.07	0.04	0.105	0.04	0.066	0.035	0.0722	0.032	0.026	156	בריליום Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.16	<1.0	<1.0	NA	ביסמוט Bi
2	3.4	1.1	3.4	3.4	1.5	<1.0	2.7	1.2	1.5	1.1	1.69	1.1	1.5	1,232	בורון B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.0757	<0.40	<0.40	71	קדמיום Cd
114000	146000	57800	158000	185000	101000	46100	101000	77100	75200	52100	118000	46100	45800	NA	סידן Ca
8.62	6.55	3.75	3.57	9.74	6.07	3.14	7.88	3.45	5.83	3.28	5.43	4.22	4.21	109,449	כרום Cr

קידוח ועומק (מ')															
10.16-3	10.16-1	10.16-1	10.16	10.16	10.16	10.16	10.15	10.14	10.13	10.12	10.11	10.11	10.10		
1	3	0.5	3	3	0.5	0.5	0.5	0.5	0.5	0.5	0.5 SPLIT	0.5	0.5	*VSL	פרמטר [mg/kg]	
2.34	1.77	0.89	1.09	1.58	1.3	0.96	1.93	0.75	1.36	0.84	1.86	0.82	0.73	23	קובלט	Co
3.3	1.2	1.3	<1.0	<1.0	3.9	1.1	3.1	1.1	2.1	<1.0	2.15	1.7	1.7	3,129	נחושת	Cu
5760	3730	1780	1160	4960	3370	1160	4960	1460	3500	1340	2490	1760	1590	10,165	ברזל	Fe
1.5	<1.0	2.8	<1.0	1.1	145**	74	2.8	1.1	5.4	1.6	4.12	11.6	3.7	40	עופרת	Pb
4.4	3.8	1.8	1.6	6.6	3.4	1.7	4	1.2	2.6	1.3	13.5	<1.0	1.2	156	ליתיום	Li
2380	1950	734	1410	3290	1920	479	2850	948	1520	669	10300	1050	639	NA	מגנזיום	Mg
146	179	65.6	106	234	111	40.2	134	88.2	89.8	78.4	89.5	68.2	61.3	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.114	<0.40	<0.40	391	מוליבדן	Mo
5	3	6.7	1.8	3.4	4.1	1.2	5.2	8.8	4.5	1.5	12.3	5.2	3.1	528	ניקל	Ni
133	93.3	111	77.7	90.5	140	98	142	132	119	124	142	100	95.4	NA	זרחן	P
508	473	208	156	809	332	156	444	196	316	155	289	221	245	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	20	סלניום	Se
207	238	257	225	203	221	279	236	279	226	262	-	260	283	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	338	כסף	Ag
156	483	209	525	479	124	178	137	271	203	242	240	159	163	NA	נתרן	Na
245	1320	206	1510	1600	275	166	255	248	270	193	425	160	167	46,929	סטרונציום	Sr
179	2040	59	658	298	124	93	147	97	96	71	-	64	60	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	<1.0	<1.0	46,929	בדיל	Sn
265	113	61.2	58.1	155	173	46.6	212	53	142	60.8	93.3	70.1	66.5	NA	טיטניום	Ti
13.4	8.04	14.4	5.21	11.6	10.5	2.92	13.4	17.8	11	5.02	21.3	13.4	6.81	390	וונדיום	V
9.5	3.7	13	<3.0	5.2	48	10.9	14.8	3.6	12	7.2	73.3	13.4	20.4	23,464	אבץ	Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	6.26	זירקוניום	Zr

קידוח ועומק (מ')															
10.26	10.25	10.24	10.23	10.22	10.21	10.20	10.20	10.19	10.18	10.17	10.16-2	10.16-2	10.16-3		
0.5	0.5	0.5	0.5	1	0.5	0.5 -DUP	0.5	0.5	1	0.5	3	0.5	3	*VSL	פרמטר [mg/kg]	
4420	1600	1110	1390	917	1550	1020	1100	4840	1690	1830	3920	1400	2160	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
<0.50	1.42	<0.50	0.87	2.38	2.52	<0.50	<0.50	1.81	2.71	<0.50	2.49	3.31	4.98	16.0	ארסן	As
22.3	11.5	9.63	13.9	10.6	15.7	9.14	9.3	27.5	14.5	11.4	31.4	13.3	24.1	15,557	בריום	Ba
0.101	0.046	0.041	0.048	0.026	0.037	0.04	0.04	0.136	0.047	0.059	0.11	0.04	0.078	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
2.7	1.1	<1.0	1.5	1.2	1.2	<1.0	<1.0	2	1.5	1.1	2.9	<1.0	3.5	1,232	בורון	B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	71	קדמיום	Cd
122000	47400	37800	60800	73200	63000	24700	24300	72300	81200	23600	142000	63400	172000	NA	סידן	Ca
6.46	4.26	3.17	3.72	3.29	4.69	3.08	3.12	10.1	4.54	4.51	7.75	3.75	5.1	109,449	כרום	Cr
2.02	1.02	0.67	0.92	0.41	0.89	0.77	0.73	1.93	0.89	1	1.5	0.85	1.61	23	קובלט	Co
4.3	1.3	<1.0	1.5	<1.0	3.8	<1.0	<1.0	6	2.9	1.6	<1.0	1.2	1.1	3,129	נחושת	Cu
4480	1910	1320	1830	1200	2000	1250	1280	5080	1900	1960	2600	1770	2010	10,165	ברזל	Fe
4.4	<1.0	<1.0	2.4	1.2	12.3	<1.0	<1.0	12.8	4.8	1.4	<1.0	<1.0	<1.0	40	עופרת	Pb
5.1	1.3	1.4	1.7	<1.0	1.4	1.3	1.3	4.2	2	1.8	4.6	1.4	2.6	156	ליתיום	Li
34400	701	472	2310	748	1400	398	409	3950	6540	590	2280	653	1760	NA	מגנזיום	Mg
86.6	73.5	44.9	71.2	39	58.1	53.5	56.8	122	56.8	73.1	147	73.5	134	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.45	<0.40	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
7.2	1.7	1.2	2.7	<1.0	11.2	1.3	1.3	6.4	4.2	2.4	3.2	1.6	2.7	528	ניקל	Ni
90.7	117	84.7	121	115	116	84.8	79	141	98.5	127	84	97.2	89.1	NA	זרחן	P
569	270	156	205	166	268	163	173	533	264	264	538	197	330	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
236	295	266	256	274	279	307	322	189	193	273	211	254	254	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
202	138	106	206	262	166	109	113	175	239	119	460	93	556	NA	נתרן	Na
128	173	161	228	301	248	87	87.6	214	225	89	1210	204	1560	46,929	סטרונציום	Sr

קידוח ועומק (מ')															
10.26	10.25	10.24	10.23	10.22	10.21	10.20	10.20	10.19	10.18	10.17	10.16-2	10.16-2	10.16-3		
0.5	0.5	0.5	0.5	1	0.5	0.5 -DUP	0.5	0.5	1	0.5	3	0.5	3	*VSL	פרמטר [mg/kg]
242	60	47	92	192	122	64	59	283	286	44	472	65	1290	NA	גופרית S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל Sn
139	65.3	51.9	57.6	50.9	88.4	49	47.4	177	76.7	88.6	121	90.9	79.3	NA	טיטניום Ti
15.8	6.18	3	5.73	2.69	15	4.27	4.22	16.6	11.6	15.6	6.37	7.02	7	390	וונדיום V
15.5	3.5	<3.0	7.8	<3.0	19.4	3.3	3.2	25.3	13.2	4.6	4.2	3.9	<3.0	23,464	אבץ Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום Zr

קידוח ועומק (מ')						
10.31	10.30	10.29	10.28	10.27		
0.5	0.5	0.5	0.5	0.5	*VSL	פרמטר [mg/kg]
1300	980	920	2580	1880	77,999	אלומיניום Al
<0.50	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון Sb
<0.50	<0.50	<0.50	0.96	5.37	16.0	ארסן As
11.7	8.91	8.5	15.8	22.9	15,557	בריום Ba
0.036	0.029	0.031	0.08	0.036	156	ברילליום Be
<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט Bi
<1.0	<1.0	<1.0	1.4	1.5	1,232	בורון B
<0.40	<0.40	<0.40	<0.40	<0.40	71	קדמיום Cd
48800	39400	37800	32500	142000	NA	סידן Ca
3.72	3.1	2.96	5.22	5.48	109,449	כרום Cr
0.86	0.73	0.65	1.3	1.08	23	קובלט Co
<1.0	<1.0	<1.0	1.3	1.4	3,129	נחושת Cu
1520	1240	1190	2550	2340	10,165	ברזל Fe
1	<1.0	<1.0	<1.0	2.1	40	עופרת Pb
1.4	1.2	1.2	2.1	2	156	ליתיום Li

קידוח ועומק (מ')							
10.31	10.30	10.29	10.28	10.27			
0.5	0.5	0.5	0.5	0.5	VSL*	פרמטר [mg/kg]	
644	523	502	806	3090	NA	מגנזיום	Mg
66.6	51.8	52.7	89.4	79.8	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
2.2	1.2	<1.0	2.3	3	528	ניקל	Ni
108	96.5	101	138	90	NA	זרחן	P
176	143	137	366	272	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
265	236	257	246	237	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
141	159	130	135	158	NA	נתרן	Na
178	135	139	148	513	46,929	סטרונציום	Sr
52	50	40	53	133	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל	Sn
69.8	43.5	49.8	113	109	NA	טיטניום	Ti
11.3	2.8	7.11	4.95	8.84	390	וונדיום	V
4	<3.0	<3.0	5.4	5.2	23,464	אבץ	Zn
<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום	Zr

(*) נעשתה השוואה לערכי VSL (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)
** ערך סף לעופרת Tier 1 למגורים, 80 מ"ג/ק"ג

טבלה 18: תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 11, בפוליגון השחור. בצהוב, ערכים חורגים מערך Tier 1 למגורים

קידוח ועומק (מ')						
11.20	11.19	11.18	11.17			
0.5	0.5	0.5	0.5	*VSL	פרמטר [mg/kg]	
1020	1370	6240	4400	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
1.46	1.22	1.74	2.87	16.0	ארסן	As
10.4	10.8	19.7	33.8	15,557	בריום	Ba
0.034	0.04	0.18	0.117	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.3	1.5	1.9	5.6	1,232	בורון	B
<0.40	<0.40	<0.40	<0.40	71	קדמיום	Cd
39300	23600	40800	145000	NA	סידן	Ca
3.44	3.68	9.96	9.87	109,449	כרום	Cr
0.7	0.89	2.46	1.76	23	קובלט	Co
1.3	<1.0	4.5	6.7	3,129	נחושת	Cu
1500	1640	6320	4930	10,165	ברזל	Fe
3.2	<1.0	2.7	8.8	40	עופרת	Pb
1.2	1.4	4.6	5.5	156	ליתיום	Li
552	462	4400	17700	NA	מגנזיום	Mg
54.3	93.9	132	92.9	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	0.47	391	מוליבדן	Mo
1.2	1.4	5.8	10.3	528	ניקל	Ni
97.3	88.1	92.9	234	NA	זרחן	P
193	225	615	639	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
351	356	282	225	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	338	כסף	Ag

קידוח ועומק (מ')						
11.20	11.19	11.18	11.17			
0.5	0.5	0.5	0.5	VSL*	פרמטר [mg/kg]	
164	85	88	316	NA	נתרן	Na
127	89.1	99.9	226	46,929	סטרונציום	Sr
82	36	114	2930	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<1.0	46,929	בדיל	Sn
58.6	65.5	266	238	NA	טיטניום	Ti
8.02	9.98	14.4	20.4	390	וונדיום	V
10.3	<3.0	19.4	128	23,464	אבץ	Zn
<5.0	<5.0	<5.0	8.5	6.26	זירקוניום	Zr

(*) נעשתה השוואה לערכי VSL (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

טבלה 19: תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 12, בפוליגון השחור

קידוח ועומק (מ')					
12.4	12.3	12.2			
0.5	0.5	1	VSL*	פרמטר [mg/kg]	
3140	3320	1290	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	31.3	אנטימון	Sb
6.95	4.62	1.86	16.0	ארסן	As
22.5	27.7	10.4	15,557	בריום	Ba
0.078	0.081	0.04	156	בריליום	Be
<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.7	1.7	1.2	1,232	בורון	B
<0.40	<0.40	<0.40	71	קדמיום	Cd
114000	164000	54000	NA	סידן	Ca

קידוח ועומק (מ')					
12.4	12.3	12.2			
0.5	0.5	1	VSL*	פרמטר [mg/kg]	
6.7	7.77	4.25	109,449	כרום	Cr
1.41	1.35	0.67	23	קובלט	Co
2	2.3	1.2	3,129	נחושת	Cu
4120	3920	1380	10,165	ברזל	Fe
1	1.4	1.6	40	עופרת	Pb
3.6	4	1.8	156	ליתיום	Li
2060	1450	9660	NA	מגנזיום	Mg
112	104	59.9	1,865	מנגן	Mn
<0.20	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	391	מוליבדן	Mo
3.1	4	1.8	528	ניקל	Ni
107	123	91.6	NA	זרחן	P
419	363	221	NA	אשלגן	K
<2.0	<2.0	<2.0	20	סלניום	Se
188	152	265	NA	סיליקון	Si
<0.50	<0.50	<0.50	338	כסף	Ag
175	121	250	NA	נתרן	Na
429	464	138	46,929	סטרונציום	Sr
144	272	121	NA	גופרית	S
<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	46,929	בדיל	Sn
170	198	60.2	NA	טיטניום	Ti
10.1	13.6	5.1	390	וונדיום	V
5.5	14.7	7.6	23,464	אבץ	Zn
<5.0	<5.0	<5.0	6.26	זירקוניום	Zr

(*) נעשתה השוואה לערכי VSL (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

טבלה 20: תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 13, בפוליגון השחור

קידוח ועומק (מ')																
13.11	13.10	13.9	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.3	13.3	13.2	13.1			
0.5	0.5	0.5	0.5 SPLIT	0.5	0.5	0.5	0.5	1	0.5 SPLIT	0.5 DUP	0.5	0.5	0.5	*VSL	פרמטר [mg/kg]	
1,360	3,130	1,140	1,100	839	1,330	808	19,500	1,330	2,300	1,020	1,020	1,450	1,090	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
2.08	1.51	3.15	2.82	2.96	2.35	2.22	1.97	1.79	1.9	1.26	1.16	2.22	2.93	16.0	ארסן	As
18	20.3	11.1	18.3	9.63	12.6	11.2	39.2	12.7	21.2	11.8	11.8	13.5	10.5	15,557	בריום	Ba
0.032	0.084	0.036	0.0716	0.026	0.041	0.044	0.515	0.04	0.0614	0.034	0.034	0.045	0.031	156	בריליום	Be
<1.0	<1.0	<1.0	2.33	<1.0	<1.0	<1.0	<1.0	<1.0	2.59	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.4	1.5	1.3	4.47	1.1	1.5	1	4	1.3	15.8	1.1	1.1	1.4	1.5	1,231.5	בורון	B
<0.40	<0.40	<0.40	<0.02	<0.40	<0.40	<0.40	<0.40	<0.40	<0.02	<0.40	<0.40	<0.40	<0.40	71.3	קדמיום	Cd
64700	62200	62400	84000	75800	75700	96500	39200	58000	60000	50000	50700	73000	73700	NA	סידן	Ca
5.26	6.38	3.39	4.19	2.92	3.68	3.44	28.4	3.75	7.55	3.24	3.33	3.9	3.2	109,449	כרום	Cr
0.96	1.47	0.76	4.02	0.6	0.86	0.5	7.58	0.87	7.46	0.75	0.68	0.94	0.66	23.45	קובלט	Co
12.8	1.6	<1.0	1.4	<1.0	1.2	<1.0	7.9	1.1	24.5	<1.0	<1.0	1.4	<1.0	3,128.6	נחושת	Cu
2000	3630	1480	2220	1290	1580	1450	18600	1610	1750	1310	1390	1740	1310	10165	ברזל	Fe
7.5	2	1.3	1.12	<1.0	1.5	<1.0	3.5	1.6	1.13	<1.0	<1.0	1.7	<1.0	40	עופרת	Pb
1.3	2.4	1.2	7.05	1	1.5	1	16	1.4	6.17	1.1	1.1	1.6	1.4	156	ליתיום	Li
1200	1380	1140	1510	994	2200	1100	3140	1080	2040	727	748	1800	6780	NA	מגנזיום	Mg
82.7	92.9	70.7	92.2	73.4	105	73.9	329	82	84	65	63.9	89.5	72.2	1,864.8	מנגן	Mn
<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	0.108	<0.40	<0.40	<0.40	<0.40	<0.40	0.323	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
9.2	6.2	5.1	6.34	<1.0	6	<1.0	17	8.1	3.98	1.1	1.1	11.8	1.5	528	ניקל	Ni
271	93	93.9	107	109	110	104	108	107	112	104	102	107	84.3	NA	זרחן	P
243	335	162	214	141	192	146	1,360	194	279	156	156	196	195	NA	אשלגן	K
<2.0	<2.0	<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	<2.0	<2.0	20.44	סלניום	Se
276	229	288	-	337	283	187	302	306	-	298	296	292	332	NA	סיליקון	Si

קידוח ועומק (מ')															
13.11	13.10	13.9	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.3	13.3	13.2	13.1		
0.5	0.5	0.5	0.5 SPLIT	0.5	0.5	0.5	0.5	1	0.5 SPLIT	0.5 DUP	0.5	0.5	0.5	*VSL	פרמטר [mg/kg]
<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	338	כסף Ag
165	168	189	202	122	194	135	214	215	408	160	152	178	191	NA	נתרן Na
261	216	253	319	259	308	292	198	239	304	242	233	288	266	46,929	סטרונציום Sr
102	82	88	-	69	85	79	63	76	-	64	69	79	96	NA	גופרית S
<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	NA	טלור Te
<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	0.782	תליום Tl
<1.0	<1.0	<1.0	<0.24	<1.0	<1.0	<1.0	<1.0	<1.0	0.343	<1.0	<1.0	<1.0	<1.0	46,929	בדיל Sn
78	163	58	59	52	71	48	769	80	60	54	50	76	49	NA	טיטניום Ti
13.1	11.4	10.8	13.1	2.7	11.9	3.02	37.9	15.2	5.4	2.74	2.86	19	4.84	390	וונדיום V
38.8	7.1	4.4	6.16	<3.0	4.3	<3.0	21.1	4.6	16.4	<3.0	<3.0	4.8	<3.0	23,464	אבץ Zn
<5.0	<5.0	<5.0	-	<5.0	<5.0	<5.0	13.4	<5.0	-	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום Zr

קידוח ועומק (מ')											
13.18	13.17	13.17	13.16	13.16	13.15	13.14	13.14	13.13	13.12		
0.5	0.5 - DUP	0.5	0.5-SPLIT	0.5	0.5	1	0.5	0.5	0.5	*VSL	פרמטר [mg/kg]
948	954	974	737	819	1,060	958	1,200	1,770	1,700	77,999	אלומיניום Al
<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון Sb
2.86	3.26	3.08	2.42	<0.50	0.92	2.73	1.83	1.62	1.38	16.0	ארסן As
12.1	11.3	11	15.8	8.91	10.8	11.6	11.7	14.9	15.9	15,557	בריום Ba
0.035	0.034	0.034	0.0424	0.026	0.034	0.036	0.041	0.054	0.058	156	בריליום Be
<1.0	<1.0	<1.0	7.73	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט Bi
1.3	1.2	1.2	1.2	1	1.2	1.2	1.2	1.6	1.4	1,231.5	בורון B
<0.40	<0.40	<0.40	<0.02	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	71.3	קדמיום Cd
86100	63600	64200	74500	57900	66000	87500	56700	68900	57100	NA	סידן Ca
3.28	3.22	3.2	3.94	3.19	3.27	3.27	3.24	5.58	4.12	109,449	כרום Cr

קידוח ועומק (מ')												
13.18	13.17	13.17	13.16	13.16	13.15	13.14	13.14	13.13	13.12			
0.5	0.5 - DUP	0.5	0.5-SPLIT	0.5	0.5	1	0.5	0.5	0.5	VSL*	פרמטר [mg/kg]	
0.65	0.68	0.63	6.53	0.64	0.72	0.61	0.77	1.09	0.92	23.45	קובלט	Co
<1.0	<1.0	<1.0	<1.4	<1.0	<1.0	<1.0	<1.0	2	<1.0	3,128.6	נחושת	Cu
1490	1430	1320	1780	1120	1350	1460	1510	3050	2080	10165	ברזל	Fe
<1.0	<1.0	<1.0	<0.7	<1.0	<1.0	<1.0	<1.0	7.7	<1.0	40	עופרת	Pb
1.1	1.1	1.2	10.4	1.2	1.3	1	1.3	1.8	1.6	156	ליתיום	Li
998	857	828	884	723	3380	898	1140	1230	730	NA	מגנזיום	Mg
107	66.4	62.1	93.6	65.3	65.2	70.7	84.7	94.7	84	1,864.8	מנגן	Mn
<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	1.52	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	<0.1	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
1	2	2	1.98	1	2.2	<1.0	2.9	26.8	1.5	528	ניקל	Ni
105	94.9	87.1	107	79.9	99.8	98.8	104	104	133	NA	זרחן	P
154	144	146	204	123	151	163	178	262	251	NA	אשלגן	K
<2.0	<2.0	<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20.44	סלניום	Se
340	290	307	-	256	294	272	307	284	268	NA	סיליקון	Si
<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
146	176	168	359	264	176	273	150	264	199	NA	נתרן	Na
300	276	253	300	221	218	364	229	279	264	46,929	סטרונציום	Sr
84	74	75	-	80	99	98	72	90	76	NA	גופרית	S
<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<0.24	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל	Sn
56	46	50	34	38	53	51.3	62	94	64	NA	טיטניום	Ti
3.03	4.9	5.01	7.08	6.12	4.42	2.94	6.37	26.4	3.77	390	וונדיום	V
<3.0	<3.0	<3.0	3.52	<3.0	4.6	<3.0	3.8	26.1	3.4	23,464	אבץ	Zn
<5.0	<5.0	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום	Zr

(*) נעשתה השוואה לערכי VSL (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

טבלה 21: תוצאות אנליזת מתכות עבור קידוחי קרקע בתא 15, בפוליגון השחור

קידוח ועומק (מ')															
15.12	15.11	15.10	15.9	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.2	15.1			
0.5	0.5	0.5	3 DUP	3	0.5	0.5	3	1	0.5	3	0.5 SPLIT	0.5	3	*VSL	פרמטר [mg/kg]	
2,520	2,610	2,770	2,480	2,230	2,420	2,140	1,020	1500	21,700	3,730	2,380	2,080	3,080	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	31.3	אנטימון	Sb
0.74	<0.50	1.68	0.61	0.73	2.17	1.80	1.20	2.6	2.05	3.05	2.08	2.41	2.32	16.0	ארסן	As
14.70	12.20	14.90	14.60	13.70	11.60	13.10	4.92	12.3	55.30	23.30	19.70	14.50	12.60	15,557	בריום	Ba
0.05	0.06	0.07	0.05	0.05	0.07	0.07	0.02	0.052	0.71	0.10	0.09	0.05	0.09	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	31.20	<1.0	<1.0	NA	ביסמוט	Bi
<1.0	<1.0	1.30	<1.0	<1.0	1.20	2.50	<1.0	1.8	4.40	1.80	2.73	2.20	2.80	1,232	בורון	B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.16	<0.40	<0.40	71	קדמיום	Cd
1,820	2,330	33,000	1,160	1,080	38,600	87,100	49,400	122000	3,310	75,300	127,000	80,000	97,300	NA	סידן	Ca
6.07	5.01	7.62	5.73	5.12	5.06	4.26	2.68	4.14	37.40	7.50	5.56	5.14	5.56	109,449	כרום	Cr
1.75	1.71	1.35	1.52	1.48	1.03	0.90	0.40	0.77	10.20	1.51	1.85	0.92	1.08	23	קובלט	Co
<1.0	<1.0	7.50	<1.0	<1.0	1.10	1.30	<1.0	1.7	10.70	3.40	3.36	4.30	1.20	3,129	נחושת	Cu
3,540	2,710	3,240	2,700	3,000	2,570	2,460	1,290	1860	24,500	4,110	2,970	2,330	2,860	10,165	ברזל	Fe
<1.0	<1.0	16.20	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	4.60	5.00	4.30	6.90	<1.0	40	עופרת	Pb
1.10	1.20	2.20	<1.0	<1.0	2.50	2.20	1.10	2	17.70	3.60	15.20	2.30	3.20	156	ליתיום	Li
565	504	1,770	476	463	660	1,210	543	2720	2,860	5,350	33,700	14,700	1,580	NA	מגנזיום	Mg
104.00	76.60	108.00	90.20	89.00	88.50	120.00	57.90	95.7	448.00	109.00	76.50	80.20	109.00	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.30	<0.40	<0.40	391	מוליבדן	Mo
3.30	3.00	3.90	3.30	3.10	2.40	1.60	<1.0	3.9	21.90	5.40	6.95	6.10	2.30	528	ניקל	Ni
106	63	142	114	106	79	105	51	98.8	129	123	114	142	61	NA	זרחן	P
210	178	308	191	175	288	321	141	261	2,390	401	422	392	317	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	20	סלניום	Se
243.00	342.00	242.00	283.00	271.00	226.00	220.00	246.00	150	180.00	227.00	-	185.00	195.00	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	338	כסף	Ag

קידוח ועומק (מ')																
15.12	15.11	15.10	15.9	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.2	15.1			
0.5	0.5	0.5	3 DUP	3	0.5	0.5	3	1	0.5	3	0.5 SPLIT	0.5	3	*VSL	פרמטר [mg/kg]	
48.00	44.00	114.00	53.00	53.00	112.00	284.00	91.00	329	186.00	197.00	203.00	176.00	331.00	NA	נתרן	Na
9.94	13.90	166.00	8.64	7.81	316.00	851.00	189.00	650	60.60	239.00	202.00	194.00	1,050.00	46,929	סטרונציום	Sr
<30	<30	63.00	<30	<30	60.00	162.00	48.00	138	67.00	193.00	-	176.00	184.00	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.25	<1.0	<1.0	46,929	בדיל	Sn
262.00	181.00	135.00	252.00	242.00	122.00	71.40	54.20	76	847.00	192.00	102.00	83.40	143.00	NA	טיטניום	Ti
6.40	5.27	7.54	5.94	5.18	9.92	5.32	2.27	11.4	49.00	13.30	13.90	11.70	5.38	390	וונדיום	V
5.80	4.90	18.00	6.00	5.10	6.20	3.10	<3.0	8.1	29.80	13.20	32.80	36.30	3.90	23,464	אבץ	Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	19.50	<5.0	-	<5.0	<5.0	6.26	זירקוניום	Zr

קידוח ועומק (מ')																
15.25	15.24	15.24	15.23	15.22	15.21	15.20	15.19	15.18	15.17	15.16	15.16	15.15	15.14			
0.5	0.5	0.5	0.5	1	1	1	0.5	0.5	0.5	0.5 SPLIT	0.5	0.5	0.5	*VSL	פרמטר [mg/kg]	
1,420	979	979	1,150	1,010	3,350	950	1,480	763	1,400	4,950	4,690	2,890	1,610	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
2.70	2.44	2.44	1.56	1.83	1.08	1.44	2.14	0.73	1.27	3.80	3.47	4.46	2.19	16.0	ארסן	As
14.60	10.5	10.5	10.70	11.30	15.40	10.90	10.70	7.18	11.30	26.10	18.10	18.10	12.80	15,557	בריום	Ba
0.04	0.033	0.033	0.03	0.04	0.09	0.04	0.05	0.02	0.04	0.21	0.12	0.08	0.05	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.60	1.2	1.2	1.00	1.30	2.00	1.40	1.20	<1.0	<1.0	1.72	1.50	2.30	1.40	1,232	בורון	B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.03	<0.40	<0.40	<0.40	71	קדמיום	Cd
102000	82900	82900	50600	54700	58,000	67,800	67,500	36,400	38,800	64,100	61,400	94,100	57,100	NA	סידן	Ca
4.47	3.21	3.21	4.01	3.54	6.65	3.64	3.91	3.08	4.23	10.90	8.98	5.52	3.71	109,449	כרום	Cr
0.90	0.64	0.64	0.72	0.77	1.62	0.78	0.75	0.51	0.84	7.98	1.99	1.13	0.83	23	קובלט	Co

קידוח ועומק (מ')															
15.25	15.24	15.24	15.23	15.22	15.21	15.20	15.19	15.18	15.17	15.16	15.16	15.15	15.14		
0.5	0.5	0.5	0.5	1	1	1	0.5	0.5	0.5	0.5 SPLIT	0.5	0.5	0.5	*VSL	פרמטר [mg/kg]
1.40	<1.0	<1.0	<1.0	<1.0	1.60	<1.0	1.20	<1.0	2.70	2.28	3.60	1.20	<1.0	3,129	נחושת Cu
1930	1340	1340	1530	1500	3,710	1,540	1,920	1,200	1,780	6,680	5,030	3,120	1,900	10,165	ברזל Fe
1.60	<1.0	<1.0	1.50	<1.0	<1.0	<1.0	1.50	<1.0	2.90	2.56	2.50	<1.0	1.70	40	עופרת Pb
1.60	1.1	1.1	<1.0	1.20	3.40	1.10	1.50	1.00	1.30	7.40	4.10	3.10	1.40	156	ליתיום Li
1280	905	905	678	741	1,110	1,030	928	491	682	1,140	1,130	1,300	920	NA	מגנזיום Mg
108.00	77.3	77.3	67.80	72.70	122.00	86.70	88.60	56.60	83.20	133.00	133.00	153.00	92.20	1,865	מנגן Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	3.13	כספית Hg
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.1	<0.40	<0.40	<0.40	391	מוליבדן Mo
9.20	1.7	1.7	1.20	1.30	3.20	1.10	3.40	<1.0	11.00	9.80	10.00	2.30	3.70	528	ניקל Ni
125.00	121	121	104.00	87.00	92	120	103	72	85	113	106	155	95	NA	זרחן P
205	157	157	177	170	409	162	210	141	206	582	503	372	209	NA	אשלגן K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	<2.0	20	סלניום Se
255.00	339	339	365.00	292.00	290.00	254.00	217.00	213.00	254.00	-	235.00	205.00	278.00	NA	סיליקון Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	338	כסף Ag
232.00	173	173	195.00	222.00	192.00	246.00	244.00	142.00	143.00	147.00	160.00	258.00	179.00	NA	נתרן Na
355.00	281	281	203.00	218.00	368.00	225.00	246.00	122.00	142.00	264.00	232.00	713.00	424.00	46,929	סטרונציום Sr
113.00	57	57	62.00	65.00	84.00	85.00	96.00	41.00	65.00	-	68.00	130.00	91.00	NA	גופרית S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	0.782	תליום Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	<1.0	<1.0	<1.0	46,929	בדיל Sn
78	59	59	55	62	178.00	55.40	71.20	40.40	70.80	247.00	240.00	117.00	74.20	NA	טיטניום Ti
14.30	5.34	5.34	6.62	2.89	9.56	3.18	7.86	2.45	15.50	21.00	17.30	9.54	9.36	390	וונדיום V
10.70	<3.0	<3.0	8.80	<3.0	5.10	<3.0	5.00	3.10	9.20	11.00	8.50	5.70	7.90	23,464	אבץ Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	<5.0	6.26	זירקוניום Zr

קידוח ועומק (מ')																
15.31-3	15.31-2	15.31-2	15.31-1	15.31-1	15.31	15.31	15.31	15.30	15.29	15.29	15.28	15.27	15.26			
1	3	1	3	0.5	3	0.5 SPLIT	0.5	1	3	2	0.5	1	0.5	*VSL	פרמטר [mg/kg]	
2650	2690	2000	3890	2520	2360	2,390	2,190	972	3,150	1,190	1,560	1,830	3,200	77,999	אלומיניום	Al
3.98	<0.50	0.65	<0.50	<0.50	0.59	0.81	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
3.53	1.8	2.48	3.31	4.9	1.77	2.97	2.73	4.55	2.87	1.40	0.96	2.72	2.68	16.0	ארסן	As
25.6	20.2	21.6	19.5	20.3	22.5	31.50	25.20	11.90	20.50	9.13	13.30	15.60	16.90	15,557	בריום	Ba
0.074	0.088	0.06	0.066	0.069	0.063	0.10	0.06	0.04	0.09	0.05	0.04	0.05	0.09	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
2.1	1.9	3.4	1.9	1.6	1.9	1.75	1.90	1.50	2.30	<1.0	1.30	1.20	3.00	1,232	בורון	B
1.24	<0.40	0.87	<0.40	<0.40	0.52	2.72	0.96	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	71	קדמיום	Cd
68700	95200	74700	82200	93100	51800	63700	56400	93600	115000	31600	44200	71700	86700	NA	סידן	Ca
10.2	6.63	7.13	7.67	6.04	6.88	8.51	7.83	3.84	7.00	3.34	4.54	4.98	6.67	109,449	כרום	Cr
1.53	1.5	1.22	1.33	1.24	1.32	3.53	1.37	0.80	1.51	0.67	0.93	1.04	1.22	23	קובלט	Co
55.6	7.4	608	61.6	3.5	113	217.00	79.30	<1.0	5.20	<1.0	2.50	1.80	2.10	3,129	נחושת	Cu
4560	3640	3950	4020	3540	3220	3520	3300	1660	4410	1420	1940	2130	3620	10,165	ברזל	Fe
266**	12.1	62.3	108**	2.3	33.8	52.80	65.00	<1.0	5.60	<1.0	6.10	8.40	<1.0	40	עופרת	Pb
2.6	2.6	2	2.9	2.5	2.3	12.00	2.30	1.10	3.50	1.30	1.50	1.70	3.00	156	ליתיום	Li
1880	2130	1180	4940	3540	1450	1150	1420	1070	16200	486	1450	1420	1400	NA	מגנזיום	Mg
100	119	97.3	98.3	113	90.7	112.00	99.30	98.00	102.00	56.80	77.30	80.80	133.00	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
2.11	<0.40	<0.40	<0.40	<0.40	<0.40	0.12	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
18.9	8.4	10.1	8.1	5.8	12.4	14.60	20.80	1.20	6.40	1.30	8.10	2.90	2.60	528	ניקל	Ni
120	129	94.3	119	144	133	154.00	144.00	124.00	135.00	74.10	137.00	101.00	109.00	NA	זרחן	P
385	358	295	371	320	330	375	292	158	444	202	236	270	480	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
231	222	200	210	196	210	-	249.00	306.00	191.00	364.00	322.00	228.00	282.00	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
199	340	279	191	168	177	184.00	166.00	322.00	236.00	139.00	154.00	175.00	313.00	NA	נתרן	Na

קידוח ועומק (מ')																
15.31-3	15.31-2	15.31-2	15.31-1	15.31-1	15.31	15.31	15.31	15.30	15.29	15.29	15.28	15.27	15.26			
1	3	1	3	0.5	3	0.5 SPLIT	0.5	1	3	2	0.5	1	0.5	*VSL	פרמטר [mg/kg]	
262	314	310	293	312	219	315.00	242.00	311.00	270.00	140.00	198.00	220.00	819.00	46,929	סטרונציום	Sr
112	140	145	186	94	103	-	108.00	105.00	191.00	49.00	138.00	98.00	134.00	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	2.3	<1.0	<1.0	<1.0	0.99	1.90	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל	Sn
130	141	102	153	172	120	91	118	53	150	47	69	106	136	NA	טיטניום	Ti
25.6	16.3	15.4	16.2	15.8	18.5	16.30	24.30	3.53	14.40	2.65	14.00	7.83	5.51	390	וונדיום	V
84.6	25.8	71.5	29.7	8	64.7	66.70	77.50	<3.0	33.00	<3.0	76.10	6.60	5.50	23,464	אבץ	Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום	Zr

קידוח ועומק (מ')															
15.31-4	15.31-8	15.31-8	15.31-8	15.31-7	15.31-7	15.31-6	15.31-6	15.31-6	15.31-9	15.31-9	15.31-9	15.31-3			
0.5	2.8 SPLIT	2.8	0.5	3	0.5	3	3 SPLIT	0.5	3	0.5 DUP	0.5	3	*VSL	פרמטר [mg/kg]	
3540	4450	5390	3050	3730	2830	1930	1410	1890	17600	2180	2180	3930	77,999	אלומיניום	Al
<0.50	2.43	1.56	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
3.43	3.18	3.4	3.68	3.85	2.26	3.42	4.44	2.77	0.93	3.76	3.87	2.52	16.0	ארסן	As
20.6	34.4	29	19.5	28.2	22.6	19.8	28.5	19	121	17.3	16.4	26.7	15,557	בריום	Ba
0.092	0.152	0.152	0.093	0.112	0.096	0.059	0.0234	0.06	0.426	0.064	0.068	0.105	156	בריליום	Be
<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
2.2	4.38	3.3	2.5	2.5	3.5	2	1.88	1.8	6.4	1.3	1.5	2.1	1,232	בורון	B
<0.40	0.883	0.85	<0.40	<0.40	<0.40	<0.40	1.01	0.51	<0.40	<0.40	<0.40	<0.40	71	קדמיום	Cd
108000	61500	99200	87000	75400	85100	78700	96700	96900	202000	112000	103000	62600	NA	סידן	Ca
8.23	11.6	11.3	7.18	9.79	9.88	5.69	6.64	9.05	26.4	5.38	5.13	9.68	109,449	כרום	Cr
1.67	2.97	2.47	1.48	2.5	1.6	1.25	8.63	1.31	6.84	1.17	1.13	2.38	23	קובלט	Co

קידוח ועומק (מ')															
15.31-4	15.31-8	15.31-8	15.31-8	15.31-7	15.31-7	15.31-6	15.31-6	15.31-6	15.31-9	15.31-9	15.31-9	15.31-3			
0.5	2.8 SPLIT	2.8	0.5	3	0.5	3	3 SPLIT	0.5	3	0.5 DUP	0.5	3	*VSL	פרמטר [mg/kg]	
15.2	7.06	12.5	4.6	29.5	8	11.8	21.1	30.8	5.6	3.5	3.4	7.2	3,129	נחושת	Cu
3780	5240	5660	3670	9430	5600	2310	2800	4640	15800	2430	2450	7590	10,165	ברזל	Fe
14.4	247	176	10.7	18.1	6	14	25.8	30.6	2.6	5.8	5.4	40.7	40	עופרת	Pb
3.3	2.54	5	3	3.6	3.3	1.8	8.04	1.7	19.7	2.1	2.1	3.8	156	ליתיום	Li
7460	4400	4140	4800	4420	8200	1970	1900	2390	8120	2750	2630	4550	NA	מגנזיום	Mg
118	157	160	118	139	99.2	108	102	112	739	117	106	120	1,865	מנגן	Mn
<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
0.62	0.18	<0.40	<0.40	0.53	<0.40	<0.40	<0.1	<0.40	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
10.4	14.9	13.2	8	19.3	6.3	10.4	10.9	6.5	13.3	3	3	44.8	528	ניקל	Ni
133	165	155	136	179	164	120	152	133	196	120	114	127	NA	זרחן	P
527	572	714	427	547	430	288	241	300	2620	319	298	499	NA	אשלגן	K
<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
196	-	163	183	157	182	193	-	183	117	211	196	193	NA	סיליקון	Si
<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
226	243	356	244	218	242	196	217	325	559	207	198	220	NA	נתרן	Na
305	232	303	286	276	224	280	409	354	2230	410	404	214	46,929	סטרונציום	Sr
153	-	221	271	166	3160	131	-	116	246	122	120	179	NA	גופרית	S
<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	0.84	<1.0	<1.0	1.4	<1.0	<1.0	0.378	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל	Sn
158	237	270	154	176	128	103	108	86.8	489	115	111	207	NA	טיטניום	Ti
16.4	28.7	27.7	13.5	31.2	12.8	19.5	19.7	11.6	33.4	9.33	8.71	40.7	390	וונדיום	V
24.1	48	44.9	28.5	168	63.8	135	34.2	35.6	17.4	9.1	8.5	46.4	23,464	אבץ	Zn

קידוח ועומק (מ')														
15.31-4	15.31-8	15.31-8	15.31-8	15.31-7	15.31-7	15.31-6	15.31-6	15.31-6	15.31-9	15.31-9	15.31-9	15.31-3		
0.5	2.8 SPLIT	2.8	0.5	3	0.5	3	3 SPLIT	0.5	3	0.5 DUP	0.5	3	*VSL	פרמטר [mg/kg]
<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	10.5	<5.0	<5.0	<5.0	6.26	זירקוניום Zr

קידוח ועומק (מ')															
15.40	15.39	15.38	15.37	15.36	15.35	15.35	15.34	15.33	15.32	15.31-5	15.31-5	15.31-5	15.31-4		
0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	3	0.5 SPLIT	0.5	3	*VSL	פרמטר [mg/kg]
1,650	3,320	2,590	3,860	1,060	968	968	1,230	1,050	1,490	4620	2450	2720	3860	77,999	אלומיניום Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	<0.50	<0.50	31.3	אנטימון Sb
4.96	2.46	1.23	1.82	3.88	1.89	1.89	1.01	0.89	1.24	2.64	5.39	4.95	2.61	16.0	ארסן As
21.3	19.2	13.60	15.50	16.10	12.40	12.4	9.38	9.63	11.80	24.3	22.7	17.5	25.2	15,557	בריום Ba
0.049	0.089	0.07	0.09	0.03	0.03	0.034	0.027	0.03	0.05	0.122	0.0609	0.074	0.113	156	בריליום Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	NA	ביסמוט Bi
1.4	1.8	1.60	2.10	2.20	1.30	1.3	1.5	<1.0	1.70	3.1	1.64	1.7	2.2	1,232	בורון B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.53	<0.02	<0.40	<0.40	71	קדמיום Cd
84800	50100	56600	62200	129000	68400	68400	60000	50900	54000	134000	98500	110000	97900	NA	סידן Ca
4.96	8.36	6.00	7.27	3.35	3.33	3.33	3.62	3.48	4.57	10	7.39	5.96	8.76	109,449	כרום Cr
1.03	1.71	1.26	1.60	1.21	0.77	0.77	0.69	0.63	0.87	2.01	11.1	1.26	1.85	23	קובלט Co
1.2	6	2.70	1.30	<1.0	<1.0	<1.0	2.5	<1.0	1.60	16	2.05	1.7	5.1	3,129	נחושת Cu
2210	4020	2700	4070	1810	1460	1460	1400	1350	1820	5440	3580	3130	4630	10,165	ברזל Fe
20.8	9.3	2.00	<1.0	<1.0	1.00	1	32.5	<1.0	3.70	20.9	1.16	1.3	13.2	40	עופרת Pb
2	3.6	2.40	3.70	1.20	<1.0	<1.0	1.2	1.00	1.70	4.8	7.89	2.7	3.6	156	ליתיום Li
2120	5850	1130	1020	1380	866	866	2400	667	1220	5990	1280	1510	3670	NA	מגנזיום Mg
128	97.4	97.30	115.00	188.00	92.00	92	56.2	69.80	76.10	132	130	128	139	1,865	מנגן Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	<0.20	<0.20	3.13	כספית Hg

קידוח ועומק (מ')																
15.40	15.39	15.38	15.37	15.36	15.35	15.35	15.34	15.33	15.32	15.31-5	15.31-5	15.31-5	15.31-4			
0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	3	0.5 SPLIT	0.5	3	*VSL	פרמטר [mg/kg]	
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.1	<0.40	<0.40	391	מוליבדן	Mo
2.9	9.2	4.00	3.10	1.20	<1.0	<1.0	2.2	1.10	3.50	15.7	4.16	3.1	9.6	528	ניקל	Ni
157	119	104.00	75.60	102.00	98.50	98.5	75.5	132.00	126.00	272	129	135	154	NA	זרחן	P
263	460	289	410	165	170	170	228	163	247	624	317	332	504	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	<2.0	<2.0	20	סלניום	Se
228	212	276.00	278.00	295.00	284.00	284	281	323.00	336.00	198	-	208	194	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	338	כסף	Ag
265	126	204.00	212.00	293.00	340.00	340	170	199.00	153.00	370	185	212	321	NA	נתרן	Na
331	147	315.00	497.00	628.00	254.00	254	204	186.00	156.00	399	534	499	326	46,929	סטרונציום	Sr
87	152	89.00	87.00	137.00	92.00	92	86	60.00	94.00	168	-	99	164	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	<1.0	<1.0	46,929	בדיל	Sn
112	178	124	191	61	58	58	53	47	70	182	147	164	194	NA	טיטניום	Ti
7.65	16.5	7.85	6.27	3.65	3.38	3.38	6.29	4.21	9.39	26.3	14	12.5	17.8	390	וונדיום	V
6.6	20.4	6.40	4.20	<3.0	<3.0	<3.0	23.8	<3.0	12.20	42.3	6.84	6	25.8	23,464	אבץ	Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	6.26	זירקוניום	Zr

קידוח ועומק (מ')																
15.51	15.50	15.49	15.48	15.47	15.46	15.46	15.45	15.44	15.43	15.43	15.42	15.41	15.40			
0.5	2	1	1	0.5	2.4	0.5	0.5	1	1	0.5	0.5	1	0.5-SPLIT	*VSL	פרמטר [mg/kg]	
9,020	27,100	26,800	7,520	4,210	16,000	26,600	2,320	24,500	22,400	1,230	15,700	950	445	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.6	31.3	אנטימון	Sb
1.46	<0.50	0.79	<0.50	1.12	0.98	1.10	1.24	1.28	1.39	1.01	1.03	2.73	4.51	16.0	ארסן	As
21.10	56.60	54.70	20.10	14.80	44.5	48.80	12.00	46.40	43.10	9.38	30.70	11.40	21.20	15,557	בריום	Ba

קידוח ועומק (מ')															
15.51	15.50	15.49	15.48	15.47	15.46	15.46	15.45	15.44	15.43	15.43	15.42	15.41	15.40			
0.5	2	1	1	0.5	2.4	0.5	0.5	1	1	0.5	0.5	1	0.5-SPLIT	*VSL	פרמטר [mg/kg]	
0.25	0.78	0.82	0.20	0.11	0.495	0.81	0.07	0.71	0.63	0.03	0.40	0.03	0.05	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	NA	ביסמוט	Bi
3.10	6.50	7.20	3.00	2.10	3.1	5.60	1.60	5.30	5.00	1.50	4.10	1.80	0.91	1,232	בורון	B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.12	71	קדמיום	Cd
43600	4890	4810	47500	48800	3260	12100	51800	4030	4200	60000	59000	127000	129000	NA	סידן	Ca
15.70	47.20	49.80	15.00	8.25	29.6	49.40	5.26	43.80	39.50	3.62	25.80	3.69	3.17	109,449	כרום	Cr
3.40	10.50	10.90	3.02	1.87	8.41	11.30	1.32	9.46	8.72	0.69	5.53	0.84	2.07	23	קובלט	Co
3.30	9.20	8.40	3.30	1.90	6.2	7.50	2.30	8.90	8.90	2.50	6.00	<1.0	<1.4	3,129	נחושת	Cu
8780	27500	29000	7470	4470	16800	28500	2210	25000	22500	1400	15000	1780	1950	10,165	ברזל	Fe
7.00	4.60	5.00	1.30	<1.0	2.8	4.60	8.40	4.00	7.50	32.50	5.40	<1.0	0.90	40	עופרת	Pb
8.10	20.70	22.00	6.80	3.90	11.6	25.40	2.20	18.80	17.50	1.20	14.50	<1.0	9.56	156	ליתיום	Li
1410	3370	3690	1210	974	1840	3700	988	2890	2660	2400	5940	1400	4890	NA	מגנזיום	Mg
164.00	402.00	406.00	146.00	119.00	366	309.00	96.60	343.00	308.00	56.20	189.00	132.00	117.00	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.14	3.13	כספית	Hg
<0.40	0.44	0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.135	391	מוליבדן	Mo
9.20	23.00	24.90	6.00	3.80	17	24.20	13.60	21.00	19.20	2.20	14.70	1.10	2.61	528	ניקל	Ni
79.60	119.00	98.60	74.60	75.20	90.8	114.00	79.20	99.10	95.30	75.50	83.80	128.00	181.00	NA	זרחן	P
905	2,520	2,680	851	492	1,390	2,610	320	2,200	1,980	228	1,440	173	473	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1	20	סלניום	Se
275.00	263.00	240.00	253.00	279.00	260	171.00	282.00	292.00	295.00	281.00	265.00	274.00	-	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	338	כסף	Ag
188.00	169.00	182.00	196.00	167.00	137	227.00	174.00	235.00	173.00	170.00	156.00	475.00	327.00	NA	נתרן	Na
269.00	44.00	73.60	488.00	359.00	48.6	120.00	235.00	45.90	53.20	204.00	108.00	379.00	360.00	46,929	סטרונציום	Sr
76.00	48.00	40.00	78.00	78.00	39	54.00	79.00	51.00	42.00	86.00	75.00	142.00	-	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.7	0.782	תליום	Tl

קידוח ועומק (מ')															
15.51	15.50	15.49	15.48	15.47	15.46	15.46	15.45	15.44	15.43	15.43	15.42	15.41	15.40			
0.5	2	1	1	0.5	2.4	0.5	0.5	1	1	0.5	0.5	1	0.5-SPLIT	*VSL	פרמטר [mg/kg]	
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	46,929	בדיל	Sn
367	1,080	1,080	371	216	721	950	97	965	950	53	614	55	36	NA	טיטניום	Ti
19.00	49.80	52.60	13.00	9.88	33.8	51.10	21.00	46.20	41.90	6.29	32.00	3.78	7.30	390	וונדיום	V
11.20	31.10	33.50	21.10	5.10	19.2	31.00	8.40	33.60	25.80	23.80	15.90	<3.0	6.96	23,464	אבץ	Zn
5.80	20.80	20.40	<5.0	<5.0	14	15.90	<5.0	19.50	17.50	<5.0	11.40	<5.0		6.26	זירקוניום	Zr

קידוח ועומק (מ')														
15.54-3	15.54-2	15.54-2 SPLIT	15.54-2	15.54-1	15.54-1	15.54	15.54	15.53B	15.53	15.52	15.52			
1	3	1	1	3	0.5	3	1	1	1	1	0.5	*VSL	פרמטר [mg/kg]	
2,390	682	1,550	1,600	896	3490	4450	3,470	831	2,770	758	889	77,999	אלומיניום	Al
<0.50	<0.50	<0.6	<0.50	<0.50	<0.50	<0.50	1.45	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
3.46	1.18	3.18	2.12	2.6	2.17	6.81	1.80	2.74	1.80	3.70	2.05	16.0	ארסן	As
16.80	8.84	23.60	30.90	10.2	16.5	21.8	21.00	11.10	20.90	10.20	12.00	15,557	בריום	Ba
0.06	0.03	0.06	0.05	0.034	0.09	0.114	0.06	0.04	0.10	0.03	0.04	156	בריליום	Be
<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.70	1.00	1.34	1.20	1.3	2.1	3.6	2.90	1.20	1.80	1.20	1.20	1,232	בורון	B
0.69	<0.40	1.26	<0.40	<0.40	<0.40	0.62	0.44	<0.40	<0.40	<0.40	<0.40	71	קדמיום	Cd
86600	69200	91600	59400	83600	76200	79500	112000	74,200	39,400	78,600	54,500	NA	סידן	Ca
6.20	2.92	6.56	4.52	3.7	7.07	10.1	8.78	3.32	5.83	3.12	4.71	109,449	כרום	Cr
1.24	0.59	3.10	1.19	0.64	1.66	3.32	1.49	0.53	1.37	0.49	0.70	23	קובלט	Co
39.90	<1.0	34.20	2.00	<1.0	2	30.8	743.00	<1.0	1.70	<1.0	<1.0	3,129	נחושת	Cu
3460	1110	3150	1920	1350	3830	13700	2460	1,400	3,430	1,240	1,540	10,165	ברזל	Fe
31.40	<1.0	50.30	3.20	<1.0	2.1	8	70.10	<1.0	1.10	<1.0	<1.0	40	עופרת	Pb
2.50	<1.0	12.50	1.60	1.2	3.9	4.7	2.70	1.00	2.80	1.00	1.10	156	ליתיום	Li

קידוח ועומק (מ')														
15.54-3	15.54-2	15.54-2 SPLIT	15.54-2	15.54-1	15.54-1	15.54	15.54	15.53B	15.53	15.52	15.52			
1	3	1	1	3	0.5	3	1	1	1	1	0.5	*VSL	פרמטר [mg/kg]	
4150	754	6520	1320	979	2190	1980	18000	1,060	1,080	1,010	982	NA	מגנזיום	Mg
101.00	72.80	96.80	87.20	81.4	131	165	67.00	68.80	127.00	66.50	69.40	1,865	מנגן	Mn
<0.20	<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.1	<0.40	<0.40	<0.40	<0.40	0.75	<0.40	<0.40	<0.40	<0.40	391	מוליבדן	Mo
6.20	<1.0	7.77	5.80	<1.0	10.2	11.4	11.80	<1.0	2.50	<1.0	1.30	528	ניקל	Ni
117.00	86.00	128.00	493.00	113	107	127	132.00	102	132	104	124	NA	זרחן	P
310	140	262	253	146	420	527	355	157	422	155	160	NA	אשלגן	K
<2.0	<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
254.00	246.00	-	339.00	260	212	225	239.00	272.00	289.00	357.00	271.00	NA	סיליקון	Si
<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
226.00	313.00	208.00	208.00	306	224	325	243.00	237.00	139.00	316.00	189.00	NA	נתרן	Na
297.00	242.00	345.00	204.00	288	371	358	228.00	276.00	218.00	276.00	221.00	46,929	סטרונציום	Sr
141.00	85.00	-	103.00	108	114	185	618.00	84.00	69.00	110.00	83.00	NA	גופרית	S
<1.0	<1.0	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	0.47	<1.0	<1.0	<1.0	<1.0	4.00	<1.0	<1.0	<1.0	<1.0	46,929	בדיל	Sn
125	35	90	77	47.1	184	202	92	54.60	123.00	40.90	52.80	NA	טיטניום	Ti
13.30	2.25	14.70	8.90	2.77	16.6	20.5	18.70	2.63	8.05	4.05	4.32	390	וונדיום	V
17.60	<3.0	50.50	11.60	<3.0	5.6	49.2	196.00	<3.0	6.00	<3.0	5.20	23,464	אבץ	Zn
<5.0	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום	Zr

קידוח ועומק (מ')														
15.57	15.56	15.55	15.54-6	15.54-6	15.54-5	15.54-5	15.54-7	15.54-7	15.54-4	15.54-4	15.54-3			
1	2	1	3	0.5	3	0.5	3	0.5	3	0.5	3	*VSL	פרמטר [mg/kg]	
1,800	905	2,470	829	1160	832	1320	831	1970	6730	4510	1,170	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb

קידוח ועומק (מ')														
15.57	15.56	15.55	15.54-6	15.54-6	15.54-5	15.54-5	15.54-7	15.54-7	15.54-4	15.54-4	15.54-3			
1	2	1	3	0.5	3	0.5	3	0.5	3	0.5	3	*VSL	פרמטר [mg/kg]	
2.79	1.86	5.51	1.76	2.44	3.14	3.16	1.5	5.97	1.75	1.89	1.30	16.0	ארסן	As
13.80	10.20	24.30	9.1	13.5	11.4	13.6	8.91	19.5	30.2	17.8	10.90	15,557	בריום	Ba
0.06	0.02	0.07	0.045	0.05	0.051	0.091	0.051	0.111	0.177	0.112	0.03	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.60	1.10	1.90	1	1.5	1.4	1.7	1.1	1.6	4.6	2.9	1.10	1,232	בורון	B
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	71	קדמיום	Cd
72600	43800	103000	66000	110000	81500	138000	48700	162000	95900	105000	51400	NA	סידן	Ca
5.14	3.43	11.50	3.15	3.56	3.42	4.03	3.1	4.57	13.6	7.79	3.74	109,449	כרום	Cr
0.89	0.59	1.41	0.59	0.83	0.7	0.84	0.62	1.09	2.72	1.95	0.73	23	קובלט	Co
2.40	<1.0	19.40	<1.0	<1.0	<1.0	1.1	<1.0	1.4	7.1	8.3	1.20	3,129	נחושת	Cu
2030	1260	3880	1090	1440	1260	1640	1060	2000	6350	4620	1520	10,165	ברזל	Fe
3.80	<1.0	16.40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	18	6.5	1.30	40	עופרת	Pb
1.80	1.10	2.50	<1.0	1	<1.0	1.4	<1.0	1.9	7.1	5	1.10	156	ליתיום	Li
5880	1040	2830	731	2100	794	4190	586	1230	16800	26800	783	NA	מגנזיום	Mg
76.40	68.50	118.00	71	130	94.4	107	65.7	104	137	108	70.50	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.43	0.41	<0.40	<0.40	391	מוליבדן	Mo
4.30	3.00	6.70	<1.0	1.4	1.2	1.8	1	1.9	27.6	12	4.80	528	ניקל	Ni
96.00	81.50	162.00	104	135	117	124	87.6	85.7	268	96.5	84.00	NA	זרחן	P
257	151	335	142	180	141	222	147	243	952	556	206	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
273.00	348.00	205.00	257	214	265	204	272	213	172	173	241.00	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
207.00	209.00	170.00	262	391	389	420	216	172	218	207	193.00	NA	נתרן	Na
245.00	154.00	324.00	232	424	311	453	197	518	218	170	188.00	46,929	סטרונציום	Sr
128.00	126.00	108.00	74	126	103	124	68	99	334	191	82.00	NA	גופרית	S

קידוח ועומק (מ')													
15.57	15.56	15.55	15.54-6	15.54-6	15.54-5	15.54-5	15.54-7	15.54-7	15.54-4	15.54-4	15.54-3		
1	2	1	3	0.5	3	0.5	3	0.5	3	0.5	3	*VSL	פרמטר [mg/kg]
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל Sn
80	52	167	43.8	58.4	41.7	71.7	42.9	125	248	205	61	NA	טיטניום Ti
9.63	8.09	17.90	2.32	4.08	2.88	5.66	2.17	7.2	42.7	21.2	9.31	390	וונדיום V
13.30	3.40	36.50	<3.0	<3.0	<3.0	3.8	<3.0	3.7	35	14.4	4.40	23,464	אבץ Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום Zr

קידוח ועומק (מ')												
15.59	15.58	15.58-3	15.58-3	15.58-2	15.58-2	15.58-1	15.58-1	15.58	15.58			
1	1 SPLIT	3	0.5	3	0.5	3	0.5	3	1	*VSL	פרמטר [mg/kg]	
1,290	2,020	1020	1930	903	2360	841	1920	1060	2,320	77,999	אלומיניום	Al
<0.50	1.19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.02	31.3	אנטימון	Sb
1.33	3.16	0.87	2.94	2.56	1.68	1.33	2.13	2.39	3.45	16.0	ארסן	As
12.40	25.50	9.97	17.8	11.1	16.1	8.88	18.5	13	26.30	15,557	בריום	Ba
0.04	0.08	0.031	0.058	0.031	0.069	0.025	0.054	0.036	0.07	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
1.40	1.51	<1.0	2.1	1.4	1.9	<1.0	2	1.4	2.00	1,232	בורון	B
<0.40	0.56	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.74	71	קדמיום	Cd
51000	55200	44300	122000	91000	68000	49600	108000	86500	52800	NA	סידן	Ca
4.27	8.73	3.36	4.93	3.41	5.67	3.27	30	3.36	9.30	109,449	כרום	Cr
0.90	4.09	0.69	1.05	0.51	1.25	0.69	1.18	0.75	1.41	23	קובלט	Co
2.20	151.00	<1.0	8.30	<1.0	3.9	<1.0	69.80	<1.0	84.60	3,129	נחושת	Cu
1720	3890	1310	2110	1330	2290	1120	4550	1500	3690	10,165	ברזל	Fe

קידוח ועומק (מ')											
15.59	15.58	15.58-3	15.58-3	15.58-2	15.58-2	15.58-1	15.58-1	15.58	15.58		
1	1 SPLIT	3	0.5	3	0.5	3	0.5	3	1	*VSL	פרמטר [mg/kg]
2.20	31.50	<1.0	5.60	<1.0	3.9	<1.0	21.40	<1.0	52.60	40	עופרת Pb
1.40	10.30	1.2	2.4	1.2	2.5	1	2.2	1.3	2.30	156	ליתיום Li
4060	1550	533	4950	870	1550	549	1670	990	1690	NA	מגנזיום Mg
67.70	105.00	60.2	106	80.1	107	63.6	129	107	102.00	1,865	מנגן Mn
<0.20	<0.14	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית Hg
<0.40	0.16	<0.40	<0.40	<0.40	<0.40	<0.40	9.70	<0.40	<0.40	391	מוליבדן Mo
2.90	96.70	<1.0	4.70	<1.0	8.5	<1.0	5.60	1.1	14.20	528	ניקל Ni
102.00	135.00	87.4	143	96.3	109	75.9	126	107	144.00	NA	זרחן P
241	314	160	309	146	349	132	301	165	341	NA	אשלגן K
<2.0	<1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום Se
284.00	-	265	231	318	245	268	210	247	238.00	NA	סיליקון Si
<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף Ag
164.00	193.00	190	437	360	222	243	339	279	176.00	NA	נתרן Na
130.00	249.00	176	398	375	314	189	419	345	232.00	46,929	סטרונציום Sr
115.00	-	76	237	122	126	76	141	107	122.00	NA	גופרית S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור Te
<0.50	<0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום Tl
<1.0	0.95	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל Sn
71	96	54.3	99.6	43.8	118	42.6	102	56.2	126	NA	טיטניום Ti
6.43	19.70	2.52	9.39	2.87	15.2	2.19	16.1	3.21	21.50	390	וונדיום V
9.40	80.50	<3.0	17.20	<3.0	8.2	<3.0	49.40	<3.0	75.20	23,464	אבץ Zn
<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום Zr

קידוח ועומק (מ')															
K15-31-3	K15-31-10	K15-31-10	K15-31-10	K15-31-12	K15-31-12	K15-31-12	K15-31-11	K15-31-11	K15-31-11	K15-31-11	K15-31-8	K15-31-3			
4m-Dup	4.2m	3m	0.5m	5m	3m	0.5m	6m	2m	0.5m	4m	4m	4m	*VSL	פרמטר [mg/kg]	
3400	11500	3980	3430	1310	3110	3720	14100	1200	2430	4270	3910	3460	77,999	אלומיניום	Al
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31.3	אנטימון	Sb
3.05	1.87	2	3.65	2.28	3.73	1.94	1.63	2.22	2.18	2.23	2.12	3.09	16.0	ארסן	As
23.6	41.9	17.8	22.1	11.5	20	19	29.4	10.8	14.9	16.8	22.8	25.8	15,557	בריום	Ba
0.089	0.305	0.093	0.086	0.04	0.079	0.103	0.374	0.04	0.068	0.104	0.105	0.09	156	בריליום	Be
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	ביסמוט	Bi
2.6	5.3	2.4	2.6	1.3	2	2.4	3.2	1.4	2.2	1.9	2.8	2.8	1,232	בורון	B
0.45	0.52	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.46	71	קדמיום	Cd
79900	47800	57700	84000	87700	77300	75400	6880	73500	73200	42700	64800	81000	NA	סידן	Ca
10.8	23.8	7.92	8.69	5.21	7.05	7.59	30.7	3.38	5.72	9.16	11.5	10.9	109,449	כרום	Cr
1.66	5.5	1.75	1.38	0.73	1.37	1.64	6.56	0.65	1.14	1.94	1.73	1.79	23	קובלט	Co
21.7	11.4	3.1	6.4	9.6	22.7	4.7	5.5	<1.0	3.2	4.1	5.1	21.1	3,129	נחושת	Cu
5540	25900	4100	3610	1650	3600	3770	14000	1300	2750	4370	4410	6000	10,165	ברזל	Fe
30.6	15.5	8.9	6.7	5.2	13.1	9.8	2.3	<1.0	4.9	4.7	6.2	31.3	40	עופרת	Pb
3.5	9.3	3.8	3.8	1.3	3.1	4.2	10.3	1.4	2.6	3.4	3.8	3.8	156	ליתיום	Li
5240	2740	1680	12600	1190	1710	7540	1670	4580	5590	2070	3260	5270	NA	מגנזיום	Mg
110	322	118	94.2	88	111	102	222	78	89.2	115	117	117	1,865	מנגן	Mn
<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	כספית	Hg
1.02	<0.40	<0.40	<0.40	0.44	<0.40	<0.40	<0.40	<0.40	<0.40	0.53	1.08	0.99	391	מוליבדן	Mo
11.3	24.8	12.2	7.6	2.3	10.6	8.3	13	2	5.9	10.6	6.3	11.9	528	ניקל	Ni
143	165	113	124	103	128	112	81.3	96.4	109	96.1	186	151	NA	זרחן	P
496	1300	489	527	198	357	547	1200	216	369	445	464	525	NA	אשלגן	K
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20	סלניום	Se
121	103	135	76	154	160	125	163	165	150	142	158	130	NA	סיליקון	Si
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	כסף	Ag
259	245	212	229	303	235	223	116	264	211	179	295	274	NA	נתרן	Na

קידוח ועומק (מ')														
K15-31-3	K15-31-10	K15-31-10	K15-31-10	K15-31-12	K15-31-12	K15-31-12	K15-31-11	K15-31-11	K15-31-11	K15-31-11	K15-31-8	K15-31-3		
4m-Dup	4.2m	3m	0.5m	5m	3m	0.5m	6m	2m	0.5m	4m	4m	4m	*VSL	פרמטר [mg/kg]	
292	206	232	194	298	302	193	38.1	168	193	163	235	296	46,929	סטרונציום	Sr
201	231	112	188	91	116	160	84	105	137	109	388	204	NA	גופרית	S
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	טלור	Te
<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	תליום	Tl
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	בדיל	Sn
140	418	182	133	67	156	160	646	55.6	108	210	177	146	NA	טיטניום	Ti
18.5	41.4	18.1	14.1	4.94	15.8	17.7	28.5	6.65	12.6	14.8	12.8	19.1	390	וונדיום	V
82.2	150	17.7	32.3	5.5	20.5	22	16	<3.0	19.1	17	67.1	88.4	23,464	אבץ	Zn
<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	6.26	זירקוניום	Zr

(*) נעשתה השוואה לערכי VSL (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

** ערך סף לעופרת Tier 1 למגורים, 80 מ"ג/ק"ג

טבלה 22: תוצאות אנליזת נדיפים (VOC) עבור קידוחי קרקע בפוליגון השחור

בטבלה להלן מוצגים רק ערכים שנמדדו מעל סף הכימות האנליטי. תעודות מעבדה מלאות מצורפות לדוח כנספח 1. לא נמצאו חריגות מערכי המטרה.

קידוח ועומק (מ')												
10.16-2	10.16-1	10.16	15.46	15.18	15.23	15.16	15.15	15.14	15.12	15.1		
2	2	2	2	3	1	1	1	3	0.5	3	VSL	פרמטר (mg/kg)
<0.01	<0.01	<0.01	<0.01	**42**	**74**	**28.00**	**11**	**33.00**	**15.00**	**30**	NA	tert-Butyl alcohol
<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	50.435	Isopropylbenzene
0.24	<0.10	**0.15**	<0.10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	19.400	n-Butylbenzene
<0.10	<0.10	**0.28**	<0.10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	48.500	n-Propylbenzene
0.25	<0.10	**0.15**	<0.10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	26.480	sec-Butylbenzene
<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	33.617	tert-Butylbenzene

קידוח ועומק (מ')						
10.22-9	10.21-5	10.22-7	10.22-5	10.21-3		
2	2	2	2	2	VSL	פרמטר (mg/kg)
<0.01	<0.01	<0.01	<0.01	<0.01	NA	tert-Butyl alcohol
0.240	**0.360**	**0.008**	**3.240**	<0.005	50.435	Isopropylbenzene
0.470	**0.960**	**0.102**	**3.320**	**0.28**	19.400	n-Butylbenzene
0.870	**1.250**	**0.060**	**9.260**	**0.16**	48.500	n-Propylbenzene
0.760	**1.030**	**0.058**	**6.010**	**0.26**	26.480	sec-Butylbenzene
<0.1	<0.1	<0.1	**0.140**	<0.1	33.617	tert-Butylbenzene

(*) נעשתה השוואה לערכי VSL ולערכי TIER 1 למגורים (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

טבלה 23: תוצאות אנליזת נדיפים למחצה (SVOC) עבור קידוחי קרקע בפוליגון השחור

בטבלה להלן מוצגים רק ערכים שנמדדו מעל סף הכימות האנליטי. תעודות מעבדה מלאות מצורפות לדוח כנספח 1. חריגות מערכי המטרה מסומנות באדום.

קידוח ועומק (מ')												
10.22-9	10.22-7	10.22-6	10.22-5	10.22-4	10.21-5	10.21-3	10.16-2	10.16-1	15.46	15.1		
2m	2m	1m	2m	2m	2m	2m	2m	2m	2m	3	VSL	פרמטר (mg/kg)
<1	<1	<2	<2	<2	<2	<4	**6.31**	<2.00	<1.00	<1.00	NA	4-Nitrophenol
<0.05	**0.153**	**0.241**	<0.05	<0.05	**0.213**	**1.3**	**3.28**	<0.050	**1.03**	<0.050	37.35	Bis(2-ethylhexyl)phthalate
<0.05	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.100	<0.050	<0.050	**0.059**	70.28	Di-n-octyl phthalate
<0.04	<0.16	<0.18	<0.16	<0.08	<0.16	<0.24	<0.100	**0.101**	**0.046**	<0.020	NA	Acenaphthylene
<0.02	<0.06	<0.02	<0.16	<0.06	<0.08	<0.1	<0.100	**0.033**	**0.048**	<0.020	0.71	Anthracene
<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.100	<0.020	**0.031**	<0.020	1.66	Benz(a)anthracene
<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.100	<0.020	**0.047**	<0.020	0.49	Benzo(a)pyrene
<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.100	<0.020	**0.032**	<0.020	4.90	Benzo(b)fluoranthene
<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.100	<0.020	**0.072**	<0.020	NA	Benzo(g.h.i)perylene
<0.02	<0.06	<0.04	<0.02	<0.02	<0.06	<0.02	<0.100	<0.020	**0.067**	<0.020	2390.98	Fluoranthene
0.131	**0.546**	<0.06	**0.718**	**0.345**	**0.556**	**1.1**	**0.202**	**0.601**	**0.229**	<0.020	15.54	Fluorene
0.57	**0.254****	-	**2.91**	<0.1	**1.53**	<0.56	**0.15**	<0.10	<0.10	<LOQ	0.14	Naphthalene
0.177	**0.661**	<0.06	**0.962**	<0.08	**0.471**	**1.77**	<0.100	**0.785**	<0.020	<0.020	NA	Phenanthrene
<0.02	**0.096**	<0.1	**0.07**	**0.04**	**0.091**	**0.153**	0.243	<0.020	**0.192**	<0.020	7.34	Pyrene
<1.5	<8	<7	<8.5	<5.5	**9.6**	<11.3	10.039	1.58	**1.836**	<1	NA	Total SVOC IL (M4)
0.362	**0.693**	<0.05	**1.45**	<0.05	**3.86**	<0.05	<0.05	<0.05	<0.05	<0.05	32.59	2-Methylnaphthalene

**אמדן, ריכוז חרג מטווח הכיול

(*) נעשתה השוואה לערכי VSL ולערכי TIER 1 למגורים (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

טבלאות ממצאי חקירת גז הקרקע

בטבלה להלן מסוכמות תוצאות אנליזת גזי הקרקע עבור דגימות שנלקחו בשטח הפוליגון השחור. חריגות מערכי המטרה TIER 1 למגורים(1) מסומנות באדום. דוחות מעבדה מלאים מצורפים בנספח 1, טפסי שדה ומשמורת מצורפים בנספח 2.

טבלה 24: תוצאות אנליזת גזי קרקע בפוליגון השחור

SG-15.36	SG-15.32	SG-15.30	SG-15.23	SG-15.24	SG-15.21	SG-15.18	SG-15.31	TIER 1(1)	Compound (µg/m³)	CAS no.
1.2	**5.3**	<0.52	**2.8**	<0.58	<0.49	<0.53	**1.7**	4.17E+05	Propene	115-07-1
2.3	**17**	**5.2**	**2.5**	**2.4**	**2.5**	**2.2**	**59**	1.39E+04	Dichlorodifluoromethane (CFC 12)	75-71-8
<0.34	**0.57**	<0.34	**0.62**	<0.38	<0.33	**1.2**	**0.43**	1.25E+04	Chloromethane	74-87-3
<0.33	<0.34	<0.33	<0.33	<0.38	<0.32	<0.34	<0.34	N/A	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	76-14-2
<0.23	<0.23	<0.23	**0.24**	<0.26	<0.22	<0.23	<0.23	8.51E+01	Vinyl Chloride	75-01-4
<0.35	<0.35	<0.35	<0.34	<0.39	<0.33	<0.36	<0.36	3.00E+01	1,3-Butadiene	106-99-0
<0.29	<0.30	<0.29	<0.29	<0.33	<0.28	<0.30	<0.30	6.95E+02	Bromomethane	74-83-9
<0.26	<0.26	<0.26	<0.26	<0.30	<0.25	**0.6**	<0.27	1.39E+06	Chloroethane	75-00-3
57	**230**	**72**	**50**	**830**	**160**	**1,500**	**44**	N/A	Ethanol	64-17-5
<0.52	**0.91**	**0.58**	**13**	**0.69**	**0.57**	**1.2**	**1**	8.34E+03	Acetonitrile	75-05-8
1.1	**3.8**	<0.60	**4.6**	**2.5**	**1.1**	**5**	**4.1**	2.78E+00	Acrolein	107-02-8
14	**48**	**5.7**	**80**	**29**	**16**	**52**	**33**	4.31E+06	Acetone	67-64-1
1.4	**6,600**	**160**	**15**	**2.2**	**7.9**	**1.7**	**1,200**	NA	Trichlorofluoromethane (CFC 11)	75-69-4
2.3	<0.88	**1.7**	**1.3**	<0.98	**5.5**	**23**	<0.90	2.78E+04	2-Propanol (Isopropyl Alcohol)	67-63-0
<0.44	<0.44	<0.44	**0.54**	<0.49	<0.42	<0.45	<0.45	5.51E+00	Acrylonitrile	107-13-1
<0.29	**0.77**	<0.29	<0.29	<0.33	<0.28	<0.30	<0.30	2.78E+04	1,1-Dichloroethene	75-35-4
<0.60	**4.3**	<0.60	<0.59	**8.2**	**1**	**7.9**	**0.65**	4.50E+04	Methylene Chloride	75-09-2
<0.29	<0.29	<0.29	<0.28	<0.32	<0.27	<0.30	<0.30	6.24E+01	3-Chloro-1-propene (Allyl Chloride)	107-05-1
0.48	**0.82**	**0.86**	**0.44**	**0.43**	**1.7**	**0.43**	**4.1**	6.95E+05	Trichlorotrifluoroethane (CFC 113)	76-13-1
3.9	**1.1**	**3.9**	**1.7**	**0.81**	<0.61	**9.4**	**76**	9.73E+04	Carbon Disulfide	75-15-0
<0.29	<0.30	<0.29	<0.29	<0.33	**1.5**	**0.48**	<0.30	NA	trans-1,2-Dichloroethene	156-60-5
<0.31	<0.31	<0.31	<0.30	<0.35	<0.30	<0.32	<0.32	2.34E+02	1,1-Dichloroethane	75-34-3
<0.25	**1.3**	<0.25	**0.62**	**1.2**	<0.24	<0.26	<0.26	1.44E+03	Methyl tert-Butyl Ether	1634-04-4
<4.8	**7.7**	<4.8	**13**	<5.4	<4.6	**23**	**12**	2.78E+04	Vinyl Acetate	108-05-4

SG-15.36	SG-15.32	SG-15.30	SG-15.23	SG-15.24	SG-15.21	SG-15.18	SG-15.31	TIER 1[1]	Compound (µg/m³)	CAS no.
7.4	**11**	**1.7**	**24**	**2.1**	**2.3**	**11**	**7.7**	6.95E+05	2-Butanone (MEK)	78-93-3
<0.30	<0.30	<0.30	<0.29	<0.34	<0.29	<0.31	<0.31	NA	cis-1,2-Dichloroethene	156-59-2
<1.1	**21**	<1.1	<1.1	**1.5**	**1.5**	**21**	**4**	9.73E+03	Ethyl Acetate	141-78-6
<0.44	**1.6**	<0.44	<0.43	**0.59**	**1.6**	**1.7**	**0.47**	9.73E+04	n-Hexane	110-54-3
12	**3**	**2**	**0.86**	**3.2**	**7.9**	**1.4**	**3.7**	1.63E+01	Chloroform	67-66-3
<0.27	<0.27	<0.27	<0.26	**1.7**	<0.25	**0.57**	**0.39**	2.78E+05	Tetrahydrofuran (THF)	109-99-9
<0.23	<0.24	<0.23	<0.23	<0.26	<0.22	<0.24	<0.24	3.80E+01	1,2-Dichloroethane	107-06-2
<0.26	**8.8**	<0.26	<0.26	<0.30	<0.25	<0.27	**2.9**	6.95E+05	1,1,1-Trichloroethane	71-55-6
0.51	**4.6**	<0.31	**0.39**	**0.5**	<0.29	**0.66**	<0.32	1.30E+02	Benzene	71-43-2
<0.29	<0.30	<0.29	<0.29	<0.33	<0.28	<0.30	<0.30	6.24E+01	Carbon Tetrachloride	56-23-5
<0.60	<0.60	<0.60	<0.59	<0.67	**3.6**	**9.6**	<0.62	8.34E+05	Cyclohexane	110-82-7
<0.26	<0.26	<0.26	<0.26	<0.30	<0.25	<0.27	<0.27	1.01E+02	1,2-Dichloropropane	78-87-5
0.47	<0.31	<0.31	<0.30	<0.34	<0.29	<0.32	<0.32	1.01E+01	Bromodichloromethane	75-27-4
<0.29	<0.29	<0.29	<0.28	**0.36**	<0.27	<0.30	<0.30	2.00E+02	Trichloroethene	79-01-6
<0.25	<0.25	<0.25	<0.25	<0.28	<0.24	**0.75**	**1.6**	7.49E+01	1,4-Dioxane	123-91-1
<0.76	<0.76	<0.76	<0.74	<0.85	<0.72	<0.78	<0.78	9.73E+04	Methyl Methacrylate	80-62-6
<0.34	**1.5**	<0.34	**1.3**	**0.63**	**1**	**0.87**	**0.36**	#N/A	n-Heptane	142-82-5
<0.33	<0.33	<0.33	<0.32	<0.37	<0.32	<0.34	<0.34	#N/A	cis-1,3-Dichloropropene	10061-01-5
<0.29	**0.83**	<0.29	**0.6**	<0.33	<0.28	**0.53**	**0.47**	4.17E+05	4-Methyl-2-pentanone	108-10-1
<0.44	<0.44	<0.44	<0.43	<0.49	<0.42	<0.45	<0.45	#N/A	trans-1,3-Dichloropropene	10061-02-6
<0.21	<0.22	<0.21	<0.21	<0.24	<0.21	<0.22	<0.22	2.34E+01	1,1,2-Trichloroethane	79-00-5
1.8	**9.5**	**0.6**	**4**	**14**	**18**	**51**	**4.2**	3.00E+04	Toluene	108-88-3
3.2	**3.1**	<0.26	**0.77**	<0.30	<0.25	**1.6**	**1.4**	4.17E+03	2-Hexanone	591-78-6
<0.28	<0.28	<0.28	<0.27	<0.31	<0.27	<0.29	<0.29	NA	Dibromochloromethane	124-48-1
<0.25	<0.25	<0.25	<0.24	<0.28	<0.24	<0.25	<0.25	6.24E-01	1,2-Dibromoethane	106-93-4
<0.29	**3.7**	<0.29	<0.28	**21**	**12**	**3.4**	**1.2**	#N/A	n-Butyl Acetate	123-86-4
0.73	**0.96**	<0.48	<0.47	**1.1**	**0.79**	**0.84**	**0.51**	#N/A	n-Octane	111-65-9
<0.27	**0.9**	**4**	**0.28**	**0.43**	**1.3**	**0.62**	**67**	2.10E+03	Tetrachloroethene	127-18-4
<0.28	<0.28	<0.28	<0.28	<0.32	<0.27	<0.29	<0.29	6.95E+03	Chlorobenzene	108-90-7

SG-15.36	SG-15.32	SG-15.30	SG-15.23	SG-15.24	SG-15.21	SG-15.18	SG-15.31	TIER 1[1]	Compound (µg/m³)	CAS no.
0.62	**1.4**	<0.30	**0.5**	**1.4**	**0.8**	**1.5**	**0.77**	1.50E+02	Ethylbenzene	100-41-4
2	**4**	<0.56	**1.6**	**3.8**	**2.8**	**5.1**	**2.4**	#N/A	m,p-Xylenes	179601-23-1
<0.44	<0.44	<0.44	**0.58**	**0.6**	<0.42	<0.45	<0.45	3.40E+02	Bromoform	75-25-2
<0.34	**4.2**	<0.34	**0.49**	**0.68**	<0.33	<0.35	<0.35	1.00E+04	Styrene	100-42-5
0.61	**1.3**	<0.31	**0.53**	**1.5**	**0.92**	**1.5**	**0.67**	1.39E+04	o-Xylene	95-47-6
2.4	**1.4**	**1.4**	**0.88**	**2.6**	**4.4**	**2.5**	**2.6**	2.78E+03	n-Nonane	111-84-2
<0.29	<0.30	<0.29	<0.29	<0.33	<0.28	<0.30	<0.30	6.45E+00	1,1,2,2-Tetrachloroethane	79-34-5
<0.31	<0.31	<0.31	<0.30	<0.34	<0.29	<0.32	<0.32	5.56E+04	Cumene	98-82-8
<0.33	**4.3**	<0.33	<0.32	<0.37	**1.1**	<0.34	<0.34	#N/A	alpha-Pinene	80-56-8
0.35	<0.31	<0.31	<0.30	**0.36**	**0.36**	<0.32	<0.32	1.39E+05	n-Propylbenzene	103-65-1
<0.34	<0.34	<0.34	<0.33	**0.58**	**0.44**	<0.35	<0.35	#N/A	4-Ethyltoluene	622-96-8
<0.31	<0.31	<0.31	<0.30	<0.34	**0.35**	<0.32	<0.32	8.34E+03	1,3,5-Trimethylbenzene	108-67-8
1.1	**0.85**	**0.32**	**0.76**	**1.6**	**1.3**	**1**	**0.93**	8.34E+03	1,2,4-Trimethylbenzene	95-63-6
<0.48	<0.48	<0.48	**0.86**	<0.54	<0.46	<0.49	<0.49	7.64E+00	Benzyl Chloride	100-44-7
<0.32	<0.32	<0.32	<0.31	<0.36	<0.30	<0.33	<0.33	#N/A	1,3-Dichlorobenzene	541-73-1
<0.33	<0.33	<0.33	<0.32	<0.37	<0.31	<0.34	<0.34	3.40E+01	1,4-Dichlorobenzene	106-46-7
<0.31	<0.32	<0.31	<0.31	<0.35	<0.30	<0.32	<0.32	2.78E+04	1,2-Dichlorobenzene	95-50-1
1.1	**3**	<0.44	**0.6**	**1.1**	**0.55**	<0.45	<0.45	#N/A	d-Limonene	5989-27-5
<0.40	<0.40	<0.40	<0.39	<0.45	<0.38	<0.41	<0.41	6.24E-02	1,2-Dibromo-3-chloropropane	96-12-8
<0.52	<0.52	<0.52	<0.51	<0.58	<0.49	<0.53	<0.53	2.78E+02	1,2,4-Trichlorobenzene	120-82-1
<0.52	<0.52	<0.52	<0.51	**0.73**	**0.62**	<0.53	<0.53	1.10E+01	Naphthalene	91-20-3
<0.44	<0.44	<0.44	<0.43	<0.49	<0.42	<0.45	<0.45	1.70E+01	Hexachlorobutadiene	87-68-3

SG-15-3	SG-13.14	SG-13.10	SG-13.8	SG-13.4	SG-15.46	TIER 1 [1]	Compound (µg/m³)	CAS no.
3.3	<0.51	<0.50	<0.52	**4.1**	**0.87**	4.17E+05	Propene	115-07-1
2.3	**2.3**	**2.4**	**2.2**	**2.4**	**2.5**	1.39E+04	Dichlorodifluoromethane (CFC 12)	75-71-8
<0.31	**0.81**	<0.33	<0.35	**0.77**	<0.36	1.25E+04	Chloromethane	74-87-3
<0.30	<0.33	<0.33	<0.34	<0.36	<0.35	#N/A	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	76-14-2
<0.21	<0.22	<0.22	<0.23	<0.24	<0.24	8.51E+01	Vinyl Chloride	75-01-4
2.8	<0.35	<0.34	<0.35	<0.38	<0.37	3.00E+01	1,3-Butadiene	106-99-0
<0.27	<0.29	<0.29	<0.30	<0.32	<0.31	6.95E+02	Bromomethane	74-83-9
<0.24	<0.26	<0.26	<0.27	**0.44**	<0.27	1.39E+06	Chloroethane	75-00-3
7.5	**180**	**33**	**29**	**16**	**27**	#N/A	Ethanol	64-17-5
<0.47	**0.53**	<0.50	<0.52	**1.8**	**0.58**	8.34E+03	Acetonitrile	75-05-8
2.1	**3**	**0.84**	**1.1**	**0.85**	**0.8**	2.78E+00	Acrolein	107-02-8
30	**21**	**9.6**	**11**	**130**	**10**	4.31E+06	Acetone	67-64-1
2.9	**2**	**1.9**	**6.9**	**2**	**22**	NA	Trichlorofluoromethane (CFC 11)	75-69-4
<0.80	**22**	**2.3**	<0.89	**5.2**	<0.91	2.78E+04	2-Propanol (Isopropyl Alcohol)	67-63-0
<0.40	<0.43	<0.43	<0.44	<0.47	<0.46	5.51E+00	Acrylonitrile	107-13-1
<0.27	<0.29	<0.29	<0.30	<0.32	<0.31	2.78E+04	1,1-Dichloroethene	75-35-4
<0.54	**7.7**	<0.58	**3.6**	<0.64	**2.8**	4.50E+04	Methylene Chloride	75-09-2
<0.26	<0.28	<0.28	<0.29	<0.31	<0.30	6.24E+01	3-Chloro-1-propene (Allyl Chloride)	107-05-1
0.59	**0.48**	**0.48**	**0.46**	**0.53**	**0.51**	6.95E+05	Trichlorotrifluoroethane (CFC 113)	76-13-1
<0.58	<0.63	**1.2**	**2.9**	**1.3**	**0.71**	9.73E+04	Carbon Disulfide	75-15-0
<0.27	<0.29	<0.29	<0.30	<0.32	<0.31	NA	trans-1,2-Dichloroethene	156-60-5
<0.28	<0.31	<0.30	<0.31	<0.33	<0.32	2.34E+02	1,1-Dichloroethane	75-34-3
<0.23	<0.25	<0.24	**0.59**	<0.27	**4.6**	1.44E+03	Methyl tert-Butyl Ether	1634-04-4
<4.4	<4.7	<4.7	<4.8	**33**	<5.0	2.78E+04	Vinyl Acetate	108-05-4
8.6	**4.8**	**2.6**	**0.8**	**37**	**0.77**	6.95E+05	2-Butanone (MEK)	78-93-3
<0.27	<0.29	<0.29	<0.30	**0.36**	<0.31	NA	cis-1,2-Dichloroethene	156-59-2
<1.0	**130**	<1.1	<1.1	**1.4**	<1.2	9.73E+03	Ethyl Acetate	141-78-6
<0.40	**2.2**	<0.43	<0.44	<0.47	<0.46	9.73E+04	n-Hexane	110-54-3
23	<0.28	**0.28**	**0.54**	<0.30	**13**	1.63E+01	Chloroform	67-66-3

SG-15-3	SG-13.14	SG-13.10	SG-13.8	SG-13.4	SG-15.46	TIER 1 (1)	Compound (µg/m³)	CAS no.
<0.24	<0.26	<0.26	**0.84**	**0.83**	**0.55**	2.78E+05	Tetrahydrofuran (THF)	109-99-9
<0.21	<0.23	<0.23	<0.24	<0.25	<0.24	3.80E+01	1,2-Dichloroethane	107-06-2
<0.24	<0.26	<0.26	<0.27	<0.28	<0.27	6.95E+05	1,1,1-Trichloroethane	71-55-6
<0.28	**1.3**	<0.30	<0.31	**1**	<0.32	1.30E+02	Benzene	71-43-2
<0.27	**0.4**	**0.29**	**0.32**	<0.32	<0.31	6.24E+01	Carbon Tetrachloride	56-23-5
2.3	<0.59	<0.58	<0.60	<0.64	<0.62	8.34E+05	Cyclohexane	110-82-7
<0.24	<0.26	<0.26	<0.27	<0.28	**0.32**	1.01E+02	1,2-Dichloropropane	78-87-5
<0.28	<0.30	<0.30	<0.31	<0.33	<0.32	1.01E+01	Bromodichloromethane	75-27-4
0.32	**0.68**	<0.28	<0.29	**0.47**	<0.30	2.00E+02	Trichloroethene	79-01-6
<0.23	<0.25	<0.24	<0.25	<0.27	<0.26	7.49E+01	1,4-Dioxane	123-91-1
<0.69	<0.75	<0.74	<0.76	<0.81	<0.79	9.73E+04	Methyl Methacrylate	80-62-6
240	**0.79**	<0.33	**2.2**	**0.41**	**0.79**	#N/A	n-Heptane	142-82-5
<0.30	<0.33	<0.32	<0.33	<0.35	<0.34	#N/A	cis-1,3-Dichloropropene	10061-01-5
<0.26	<0.29	<0.28	<0.29	**1.1**	<0.30	4.17E+05	4-Methyl-2-pentanone	108-10-1
<0.40	<0.43	<0.43	<0.44	<0.47	<0.46	#N/A	trans-1,3-Dichloropropene	10061-02-6
<0.20	<0.21	<0.21	<0.22	<0.23	<0.22	2.34E+01	1,1,2-Trichloroethane	79-00-5
2.5	**15**	**9.1**	**2.9**	**3.4**	**2.8**	3.00E+04	Toluene	108-88-3
3.6	<0.26	**0.27**	<0.27	**4.6**	<0.27	4.17E+03	2-Hexanone	591-78-6
<0.25	<0.27	<0.27	<0.28	<0.30	<0.29	NA	Dibromochloromethane	124-48-1
<0.22	<0.24	<0.24	<0.25	<0.27	<0.26	6.24E-01	1,2-Dibromoethane	106-93-4
<0.26	**1.2**	**0.44**	**8.8**	<0.31	**6.2**	#N/A	n-Butyl Acetate	123-86-4
1.8	**0.77**	**0.48**	<0.48	<0.51	<0.50	#N/A	n-Octane	111-65-9
<0.25	<0.27	<0.27	<0.28	**3.4**	<0.29	2.10E+03	Tetrachloroethene	127-18-4
<0.26	<0.28	<0.28	<0.29	<0.30	<0.29	6.95E+03	Chlorobenzene	108-90-7
0.33	**2.8**	**0.98**	**0.48**	**1**	**0.4**	1.50E+02	Ethylbenzene	100-41-4
1	**9.1**	**3.3**	**1.3**	**3.2**	**1.3**	#N/A	m,p-Xylenes	179601-23-1
<0.40	<0.43	<0.43	<0.44	<0.47	<0.46	3.40E+02	Bromoform	75-25-2
0.37	**1.8**	<0.33	**0.37**	<0.37	**0.61**	1.00E+04	Styrene	100-42-5
0.55	**2.4**	**1**	**0.41**	**0.91**	**0.7**	1.39E+04	o-Xylene	95-47-6
0.83	**0.91**	**4.1**	**1**	**1**	**0.46**	2.78E+03	n-Nonane	111-84-2

SG-15-3	SG-13.14	SG-13.10	SG-13.8	SG-13.4	SG-15.46	TIER 1 (1)	Compound (µg/m³)	CAS no.
<0.27	<0.29	<0.29	<0.30	<0.32	<0.31	6.45E+00	1,1,2,2-Tetrachloroethane	79-34-5
<0.28	<0.30	<0.30	<0.31	<0.33	<0.32	5.56E+04	Cumene	98-82-8
0.3	<0.32	<0.32	<0.33	<0.35	**0.45**	#N/A	alpha-Pinene	80-56-8
<0.28	**0.69**	**0.41**	<0.31	**0.37**	<0.32	1.39E+05	n-Propylbenzene	103-65-1
<0.31	**1.1**	**0.5**	<0.34	<0.36	<0.35	#N/A	4-Ethyltoluene	622-96-8
<0.28	**1.1**	**0.46**	<0.31	**0.39**	<0.32	8.34E+03	1,3,5-Trimethylbenzene	108-67-8
<0.27	**4.7**	**1.8**	**0.43**	**1.9**	**1.2**	8.34E+03	1,2,4-Trimethylbenzene	95-63-6
<0.44	<0.47	<0.47	<0.48	<0.51	<0.50	7.64E+00	Benzyl Chloride	100-44-7
<0.29	<0.31	<0.31	<0.32	<0.34	<0.33	#N/A	1,3-Dichlorobenzene	541-73-1
<0.30	<0.32	<0.32	<0.33	<0.35	<0.34	3.40E+01	1,4-Dichlorobenzene	106-46-7
<0.29	<0.31	<0.31	<0.32	<0.34	<0.33	2.78E+04	1,2-Dichlorobenzene	95-50-1
0.58	**1.8**	**0.53**	<0.44	**0.7**	**0.73**	#N/A	d-Limonene	5989-27-5
<0.36	<0.39	<0.39	<0.40	<0.43	**4.6**	6.24E-02	1,2-Dibromo-3-chloropropane	96-12-8
<0.47	<0.51	<0.50	<0.52	<0.56	<0.54	2.78E+02	1,2,4-Trichlorobenzene	120-82-1
<0.47	<0.51	**0.62**	<0.52	<0.56	<0.54	1.10E+01	Naphthalene	91-20-3
<0.40	<0.43	<0.43	<0.44	<0.47	<0.46	1.70E+01	Hexachlorobutadiene	87-68-3

AB 21/04/20	AB 20/04/20	SG-15-17	SG-15-15	SG-15-10	SG-15.1	TIER 1 (1)	Compound (µg/m³)	CAS no.
0.5	**1.4**	**0.88**	**1.3**	<0.52	1.1	4.17E+05	Propene	115-07-1
2.3	**2.4**	**2.2**	**2.3**	**2.2**	2.1	1.39E+04	Dichlorodifluoromethane (CFC 12)	75-71-8
1.3	**0.7**	<0.31	**0.61**	<0.34	<0.33	1.25E+04	Chloromethane	74-87-3
<0.31	<0.29	<0.30	<0.30	<0.34	<0.32	#N/A	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	76-14-2
<0.21	<0.20	<0.21	<0.20	<0.23	<0.22	8.51E+01	Vinyl Chloride	75-01-4
<0.33	<0.30	<0.32	<0.31	<0.35	<0.34	3.00E+01	1,3-Butadiene	106-99-0
<0.27	<0.25	<0.27	<0.26	<0.30	<0.28	6.95E+02	Bromomethane	74-83-9
<0.24	<0.23	<0.24	<0.23	<0.26	<0.25	1.39E+06	Chloroethane	75-00-3
13	**250**	**18**	**7**	**37**	140	#N/A	Ethanol	64-17-5
0.75	**0.81**	**0.49**	**1.4**	<0.52	<0.50	8.34E+03	Acetonitrile	75-05-8

AB 21/04/20	AB 20/04/20	SG-15-17	SG-15-15	SG-15-10	SG-15.1	TIER 1 (1)	Compound (µg/m³)	CAS no.
1.4	**1.7**	<0.54	**2.3**	<0.60	<0.58	2.78E+00	Acrolein	107-02-8
21	**33**	**5.7**	**31**	<4.8	8.4	4.31E+06	Acetone	67-64-1
26	**1.8**	**1.2**	**1.4**	**1.7**	1.3	NA	Trichlorofluoromethane (CFC 11)	75-69-4
<0.81	**37**	**1**	**0.86**	<0.88	1.2	2.78E+04	2-Propanol (Isopropyl Alcohol)	67-63-0
<0.41	<0.38	<0.40	<0.39	<0.44	<0.42	5.51E+00	Acrylonitrile	107-13-1
<0.27	<0.25	<0.27	**0.55**	<0.30	0.4	2.78E+04	1,1-Dichloroethene	75-35-4
<0.56	**5.6**	**1.1**	<0.53	<0.60	<0.58	4.50E+04	Methylene Chloride	75-09-2
<0.27	<0.25	<0.26	<0.25	<0.29	<0.28	6.24E+01	3-Chloro-1-propene (Allyl Chloride)	107-05-1
0.91	**0.9**	**0.51**	**0.48**	**0.5**	0.53	6.95E+05	Trichlorotrifluoroethane (CFC 113)	76-13-1
<0.59	**7.4**	<0.58	**2**	**1.6**	18	9.73E+04	Carbon Disulfide	75-15-0
<0.27	**3.2**	<0.27	<0.26	<0.30	<0.28	NA	trans-1,2-Dichloroethene	156-60-5
<0.29	<0.27	<0.28	<0.27	<0.31	<0.30	2.34E+02	1,1-Dichloroethane	75-34-3
<0.23	<0.22	<0.23	<0.22	<0.25	<0.24	1.44E+03	Methyl tert-Butyl Ether	1634-04-4
5.8	<4.1	<4.4	**8.4**	<4.8	<4.6	2.78E+04	Vinyl Acetate	108-05-4
4	**4.8**	**0.79**	**5.3**	**0.48**	1.2	6.95E+05	2-Butanone (MEK)	78-93-3
<0.28	<0.26	<0.27	<0.26	<0.30	<0.29	NA	cis-1,2-Dichloroethene	156-59-2
<1.0	**59**	**2.1**	<0.99	<1.1	1.3	9.73E+03	Ethyl Acetate	141-78-6
<0.41	**4**	**0.4**	<0.39	<0.44	<0.42	9.73E+04	n-Hexane	110-54-3
<0.26	**0.26**	**2.8**	**3.4**	**19**	1.9	1.63E+01	Chloroform	67-66-3
<0.25	<0.23	<0.24	<0.24	<0.27	<0.26	2.78E+05	Tetrahydrofuran (THF)	109-99-9
<0.22	**0.21**	<0.21	<0.21	<0.24	<0.23	3.80E+01	1,2-Dichloroethane	107-06-2
<0.24	<0.23	<0.24	<0.23	<0.26	<0.25	6.95E+05	1,1,1-Trichloroethane	71-55-6
<0.28	**1.2**	**0.29**	<0.27	<0.31	<0.30	1.30E+02	Benzene	71-43-2
0.3	**0.42**	<0.27	**0.28**	<0.30	1.3	6.24E+01	Carbon Tetrachloride	56-23-5
<0.56	**21**	<0.54	<0.53	<0.60	<0.58	8.34E+05	Cyclohexane	110-82-7
<0.24	**0.5**	<0.24	<0.23	<0.26	<0.25	1.01E+02	1,2-Dichloropropane	78-87-5
<0.28	<0.26	<0.28	<0.27	**0.45**	<0.30	1.01E+01	Bromodichloromethane	75-27-4
<0.27	**0.74**	<0.26	**5.4**	<0.29	2.0	2.00E+02	Trichloroethene	79-01-6
<0.23	<0.22	<0.23	<0.22	<0.25	<0.24	7.49E+01	1,4-Dioxane	123-91-1

AB 21/04/20	AB 20/04/20	SG-15-17	SG-15-15	SG-15-10	SG-15.1	TIER 1 (1)	Compound (µg/m³)	CAS no.
<0.70	<0.65	<0.69	<0.67	<0.76	2.2	9.73E+04	Methyl Methacrylate	80-62-6
<0.31	**2.1**	**0.33**	**0.3**	<0.34	0.36	#N/A	n-Heptane	142-82-5
<0.31	<0.28	<0.30	<0.29	<0.33	<0.32	#N/A	cis-1,3-Dichloropropene	10061-01-5
<0.27	<0.25	<0.26	**0.65**	<0.29	<0.28	4.17E+05	4-Methyl-2-pentanone	108-10-1
<0.41	<0.38	<0.40	<0.39	<0.44	<0.42	#N/A	trans-1,3-Dichloropropene	10061-02-6
<0.20	<0.18	<0.20	<0.19	<0.22	<0.21	2.34E+01	1,1,2-Trichloroethane	79-00-5
0.91	**81**	**2.7**	**1.6**	**1.1**	35	3.00E+04	Toluene	108-88-3
0.69	<0.23	<0.24	**0.97**	<0.26	<0.25	4.17E+03	2-Hexanone	591-78-6
<0.26	<0.24	<0.25	<0.25	<0.28	<0.27	NA	Dibromochloromethane	124-48-1
<0.23	<0.21	<0.22	<0.22	<0.25	<0.24	6.24E-01	1,2-Dibromoethane	106-93-4
0.37	**8.8**	<0.26	<0.26	<0.29	2.3	#N/A	n-Butyl Acetate	123-86-4
<0.44	**1.9**	<0.44	<0.42	<0.48	<0.46	#N/A	n-Octane	111-65-9
<0.26	**1.1**	**0.8**	**3.3**	**4.5**	<0.27	2.10E+03	Tetrachloroethene	127-18-4
<0.26	<0.24	<0.26	<0.25	<0.28	<0.27	6.95E+03	Chlorobenzene	108-90-7
<0.28	**2.2**	**0.47**	<0.26	<0.30	4.8	1.50E+02	Ethylbenzene	100-41-4
<0.52	**6.6**	**1.4**	**0.85**	<0.56	16	#N/A	m,p-Xylenes	179601-23-1
<0.41	<0.38	<0.40	<0.39	<0.44	<0.42	3.40E+02	Bromoform	75-25-2
<0.32	**0.34**	**0.45**	<0.30	<0.34	0.66	1.00E+04	Styrene	100-42-5
<0.28	**2**	**0.62**	**0.43**	<0.31	3.3	1.39E+04	o-Xylene	95-47-6
0.74	**2**	<0.32	<0.31	<0.36	0.8	2.78E+03	n-Nonane	111-84-2
<0.27	<0.25	<0.27	<0.26	<0.30	<0.28	6.45E+00	1,1,2,2-Tetrachloroethane	79-34-5
<0.28	<0.26	<0.28	<0.27	<0.31	0.7	5.56E+04	Cumene	98-82-8
<0.30	**2.6**	<0.30	<0.29	<0.33	0.4	#N/A	alpha-Pinene	80-56-8
<0.28	**0.26**	<0.28	<0.27	<0.31	0.5	1.39E+05	n-Propylbenzene	103-65-1
<0.31	<0.29	<0.31	<0.30	<0.34	0.4	#N/A	4-Ethyltoluene	622-96-8
<0.28	**0.3**	<0.28	<0.27	<0.31	0.5	8.34E+03	1,3,5-Trimethylbenzene	108-67-8
<0.27	**0.94**	**0.28**	<0.26	<0.30	2	8.34E+03	1,2,4-Trimethylbenzene	95-63-6
<0.44	<0.41	<0.44	<0.42	<0.48	<0.46	7.64E+00	Benzyl Chloride	100-44-7
<0.30	<0.27	<0.29	<0.28	<0.32	<0.31	#N/A	1,3-Dichlorobenzene	541-73-1

AB 21/04/20	AB 20/04/20	SG-15-17	SG-15-15	SG-15-10	SG-15.1	TIER 1 [1]	Compound (µg/m³)	CAS no.
<0.30	<0.28	<0.30	<0.29	<0.33	<0.32	3.40E+01	1,4-Dichlorobenzene	106-46-7
<0.29	<0.27	<0.29	<0.28	<0.32	<0.30	2.78E+04	1,2-Dichlorobenzene	95-50-1
<0.41	**2.3**	**0.74**	**0.88**	<0.44	3.3	#N/A	d-Limonene	5989-27-5
<0.37	<0.34	<0.36	<0.35	<0.40	<0.39	6.24E-02	1,2-Dibromo-3-chloropropane	96-12-8
<0.48	<0.45	<0.47	<0.46	<0.52	<0.50	2.78E+02	1,2,4-Trichlorobenzene	120-82-1
<0.48	<0.45	<0.47	<0.46	<0.52	1.1	1.10E+01	Naphthalene	91-20-3
<0.41	<0.38	<0.40	<0.39	<0.44	<0.42	1.70E+01	Hexachlorobutadiene	87-68-3

[1] Tier 1 Risk Based Target Level (RBTL) - Residential Land Use (משרד להגנת הסביבה, ינואר 2020).

טבלאות ממצאי חקירת מי התהום

טבלה 25: תוצאות אנליזת המים בקידוחי ניטור מי תהום בפוליגון השחור

בטבלאות שלהלן מוצגים רק ערכים מעל סף הכימות, כלל התוצאות בנספח 1, חריגות מערכי תקן מי שתייה מסומנות באדום.

GW-10	GW-15	קידוח			
12/05/2020	06/05/2020	תאריך דיגום			
מתכות		תקן מי שתיה*	LOR	יחידות	פרמטר
0.233	0.043	0.2	0.010	mg/L	Aluminium
0.175	0.117	1	0.00050	mg/L	Barium
0.079	0.095	1	0.010	mg/L	Boron
92.4	108	NA	0.0050	mg/L	Calcium
0.0012	0.0078	0.05	0.0010	mg/L	Chromium
0.0032	0.0047	1.4	0.0010	mg/L	Copper
0.17	0.0574	1	0.0020	mg/L	Iron
0.0041	0.0014	NA	0.0010	mg/L	Lithium
15.2	19	NA	0.0030	mg/L	Magnesium
0.452	0.0207	0.2	0.00050	mg/L	Manganese
0.0023	0.0071	1	0.0020	µg/L	Mercury
0.0096	0.0038	0.07	0.0020	mg/L	Molybdenum
0.004	<0.0020	0.02	0.0020	mg/L	Nickel
4.13	11.5	NA	0.015	mg/L	Potassium
5.55	5.65	NA	0.010	mg/L	Silicon
51.8	75	NA	0.030	mg/L	Sodium
3.2	1.14	NA	0.0010	mg/L	Strontium
19	23.6	NA	0.060	mg/L	Sulphur
0.0057	0.0018	NA	0.0010	mg/L	Titanium
0.0328	0.0125	5	0.0020	mg/L	Zinc
0.002	<0.0010	NA	0.0010	mg/L	Zirconium
Halogenated Volatile Organic Compounds					
0.58	<0.20	5	0.20	µg/L	1.1.2-Trichloroethane
1.7	<0.20	NA	0.20	µg/L	1.1.2.2-Tetrachloroethane
<0.10	<0.10	NA	0.10	µg/L	Bromodichloromethane
17.8	<0.10	80	0.10	µg/L	Chloroform
299	<6.0	5	6.0	µg/L	Dichloromethane
17.8	<0.50	100	0.50	µg/L	Sum of 4 Trihalomethanes
Polycyclic Aromatics Hydrocarbons (PAHs)					
0.017	<0.010	NA	0.010	µg/L	Acenaphthene
0.012	<0.010	NA	0.010	µg/L	Fluorene

(*) תקנות בריאות העם (איכותם התברואית של מי־שתיה ומיתקני מי שתיה), התשע"ג-2013

נספח 1

דוחות מעבדה מלאים

CERTIFICATE OF ANALYSIS

Work Order	: **PR2096426**	Issue Date	: 06-Oct-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: KTE-323-20	Page	: 1 of 6
Order number	: ----	Date Samples Received	: 02-Oct-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: SDE DOV	Date of test	: 03-Oct-2020 - 06-Oct-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2096426/020, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2096426/001-012,024, method S-METAXHB1, HB2 - acid digestion was performed from original wet material.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15-31-3-4m		Client sample ID: K15-31-8-4m		Client sample ID: K15-31-11-4m	
				Laboratory sample ID: PR2096426-001		Laboratory sample ID: PR2096426-002		Laboratory sample ID: PR2096426-003	
				Client sampling date / time: 30-Sep-2020		Client sampling date / time: 30-Sep-2020		Client sampling date / time: 30-Sep-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.7**	± 6.0%	**94.5**	± 6.0%	**97.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3460**	± 20.0%	**3910**	± 20.0%	**4270**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.09**	± 20.0%	**2.12**	± 20.0%	**2.23**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**25.8**	± 20.0%	**22.8**	± 20.0%	**16.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.090**	± 20.0%	**0.105**	± 20.0%	**0.104**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.8**	± 20.0%	**2.8**	± 20.0%	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**0.46**	± 20.0%	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**81000**	± 20.0%	**64800**	± 20.0%	**42700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**10.9**	± 20.0%	**11.5**	± 20.0%	**9.16**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.79**	± 20.0%	**1.73**	± 20.0%	**1.94**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**21.1**	± 20.0%	**5.1**	± 20.0%	**4.1**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**6000**	± 20.0%	**4410**	± 20.0%	**4370**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**31.3**	± 20.0%	**6.2**	± 20.0%	**4.7**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.8**	± 20.0%	**3.8**	± 20.0%	**3.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**5270**	± 20.0%	**3260**	± 20.0%	**2070**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**117**	± 20.0%	**117**	± 20.0%	**115**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**0.99**	± 20.0%	**1.08**	± 20.0%	**0.53**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**11.9**	± 20.0%	**6.3**	± 20.0%	**10.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**151**	± 20.0%	**186**	± 20.0%	**96.1**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**525**	± 20.0%	**464**	± 20.0%	**445**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**130**	± 20.0%	**158**	± 20.0%	**142**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**274**	± 20.0%	**295**	± 20.0%	**179**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**296**	± 20.0%	**235**	± 20.0%	**163**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**204**	± 20.0%	**388**	± 20.0%	**109**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**146**	± 20.0%	**177**	± 20.0%	**210**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**19.1**	± 20.0%	**12.8**	± 20.0%	**14.8**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**88.4**	± 20.0%	**67.1**	± 20.0%	**17.0**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15-31-11-0.5m		Client sample ID: K15-31-11-2m		Client sample ID: K15-31-11-6m	
				Laboratory sample ID: PR2096426-004		Laboratory sample ID: PR2096426-005		Laboratory sample ID: PR2096426-006	
				Client sampling date / time: 30-Sep-2020		Client sampling date / time: 30-Sep-2020		Client sampling date / time: 30-Sep-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**98.4**	± 6.0%	**97.7**	± 6.0%	**91.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2430**	± 20.0%	**1200**	± 20.0%	**14100**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.18**	± 20.0%	**2.22**	± 20.0%	**1.63**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**14.9**	± 20.0%	**10.8**	± 20.0%	**29.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.068**	± 20.0%	**0.040**	± 20.0%	**0.374**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.2**	± 20.0%	**1.4**	± 20.0%	**3.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**73200**	± 20.0%	**73500**	± 20.0%	**6880**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15-31-11-0.5m		K15-31-11-2m		K15-31-11-6m	
				Laboratory sample ID	PR2096426-004		PR2096426-005		PR2096426-006	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Chromium	S-METAXHB1	0.50	mg/kg DW	**5.72**	± 20.0%	**3.38**	± 20.0%	**30.7**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.14**	± 20.0%	**0.65**	± 20.0%	**6.56**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**3.2**	± 20.0%	<1.0	----	**5.5**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**2750**	± 20.0%	**1300**	± 20.0%	**14000**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**4.9**	± 20.0%	<1.0	----	**2.3**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.6**	± 20.0%	**1.4**	± 20.0%	**10.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**5590**	± 20.0%	**4580**	± 20.0%	**1670**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**89.2**	± 20.0%	**78.0**	± 20.0%	**222**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**5.9**	± 20.0%	**2.0**	± 20.0%	**13.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**109**	± 20.0%	**96.4**	± 20.0%	**81.3**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**369**	± 20.0%	**216**	± 20.0%	**1200**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**150**	± 20.0%	**165**	± 20.0%	**163**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**211**	± 20.0%	**264**	± 20.0%	**116**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**193**	± 20.0%	**168**	± 20.0%	**38.1**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**137**	± 20.0%	**105**	± 20.0%	**84**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**108**	± 20.0%	**55.6**	± 20.0%	**646**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**12.6**	± 20.0%	**6.65**	± 20.0%	**28.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**19.1**	± 20.0%	<3.0	----	**16.0**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	**6.6**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15-31-12-0.5m		K15-31-12-3m		K15-31-12-5m	
				Laboratory sample ID	PR2096426-007		PR2096426-008		PR2096426-009	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**98.6**	± 6.0%	**91.6**	± 6.0%	**98.5**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3720**	± 20.0%	**3110**	± 20.0%	**1310**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.94**	± 20.0%	**3.73**	± 20.0%	**2.28**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**19.0**	± 20.0%	**20.0**	± 20.0%	**11.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.103**	± 20.0%	**0.079**	± 20.0%	**0.040**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.4**	± 20.0%	**2.0**	± 20.0%	**1.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**75400**	± 20.0%	**77300**	± 20.0%	**87700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.59**	± 20.0%	**7.05**	± 20.0%	**5.21**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.64**	± 20.0%	**1.37**	± 20.0%	**0.73**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**4.7**	± 20.0%	**22.7**	± 20.0%	**9.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**3770**	± 20.0%	**3600**	± 20.0%	**1650**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**9.8**	± 20.0%	**13.1**	± 20.0%	**5.2**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**4.2**	± 20.0%	**3.1**	± 20.0%	**1.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**7540**	± 20.0%	**1710**	± 20.0%	**1190**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**102**	± 20.0%	**111**	± 20.0%	**88.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**0.44**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**8.3**	± 20.0%	**10.6**	± 20.0%	**2.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**112**	± 20.0%	**128**	± 20.0%	**103**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**547**	± 20.0%	**357**	± 20.0%	**198**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15-31-12-0.5m		K15-31-12-3m		K15-31-12-5m	
				Laboratory sample ID	PR2096426-007		PR2096426-008		PR2096426-009	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**125**	± 20.0%	**160**	± 20.0%	**154**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**223**	± 20.0%	**235**	± 20.0%	**303**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**193**	± 20.0%	**302**	± 20.0%	**298**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**160**	± 20.0%	**116**	± 20.0%	**91**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**160**	± 20.0%	**156**	± 20.0%	**67.0**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**17.7**	± 20.0%	**15.8**	± 20.0%	**4.94**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**22.0**	± 20.0%	**20.5**	± 20.0%	**5.5**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15-31-10-0.5m		K15-31-10-3m		K15-31-10-4.2m	
				Laboratory sample ID	PR2096426-010		PR2096426-011		PR2096426-012	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**99.0**	± 6.0%	**95.8**	± 6.0%	**89.1**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**3430**	± 20.0%	**3980**	± 20.0%	**11500**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**3.65**	± 20.0%	**2.00**	± 20.0%	**1.87**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**22.1**	± 20.0%	**17.8**	± 20.0%	**41.9**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.086**	± 20.0%	**0.093**	± 20.0%	**0.305**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.6**	± 20.0%	**2.4**	± 20.0%	**5.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	**0.52**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW		**84000**	± 20.0%	**57700**	± 20.0%	**47800**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**8.69**	± 20.0%	**7.92**	± 20.0%	**23.8**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.38**	± 20.0%	**1.75**	± 20.0%	**5.50**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**6.4**	± 20.0%	**3.1**	± 20.0%	**11.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**3610**	± 20.0%	**4100**	± 20.0%	**25900**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**6.7**	± 20.0%	**8.9**	± 20.0%	**15.5**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**3.8**	± 20.0%	**3.8**	± 20.0%	**9.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**12600**	± 20.0%	**1680**	± 20.0%	**2740**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**94.2**	± 20.0%	**118**	± 20.0%	**322**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**7.6**	± 20.0%	**12.2**	± 20.0%	**24.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**124**	± 20.0%	**113**	± 20.0%	**165**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**527**	± 20.0%	**489**	± 20.0%	**1300**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**76**	± 20.0%	**135**	± 20.0%	**103**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**229**	± 20.0%	**212**	± 20.0%	**245**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**194**	± 20.0%	**232**	± 20.0%	**206**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**188**	± 20.0%	**112**	± 20.0%	**231**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**133**	± 20.0%	**182**	± 20.0%	**418**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**14.1**	± 20.0%	**18.1**	± 20.0%	**41.4**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**32.3**	± 20.0%	**17.7**	± 20.0%	**150**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: SOIL				Client sample ID	K15-54-1-0.5m		K15-54-1-3m		K15-54-3-3m	
				Laboratory sample ID	PR2096426-013		PR2096426-014		PR2096426-015	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**98.5**	± 6.0%	**97.1**	± 6.0%	**97.5**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K15-54-2-3m		K11-17-10-0.5m		K11-17-10-2m	
				Laboratory sample ID	PR2096426-016		PR2096426-017		PR2096426-018	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.0**	± 6.0%	**97.3**	± 6.0%	**95.9**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K11-17-10-3m		K11-17-11-1m		K11-17-11-3m	
				Laboratory sample ID	PR2096426-019		PR2096426-020		PR2096426-021	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**84.8**	± 6.0%	**93.0**	± 6.0%	**82.7**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**155**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**35**	± 30.0%	<12	----

Sub-Matrix: SOIL				Client sample ID	K11-17-9-1m		K11-17-9-3m		K15-31-3-4m-DUP	
				Laboratory sample ID	PR2096426-022		PR2096426-023		PR2096426-024	
				Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.1**	± 6.0%	**95.6**	± 6.0%	**96.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**3400**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**3.05**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**23.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**----**	----	**0.089**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**2.6**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	**0.45**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**79900**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**10.8**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**1.66**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**21.7**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**----**	----	**5540**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**30.6**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**3.5**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**5240**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**110**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	**1.02**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**11.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**----**	----	**143**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**496**	± 20.0%

Sub-Matrix: **SOIL**			Client sample ID	K11-17-9-1m		K11-17-9-3m		K15-31-3-4m-DUP	
			Laboratory sample ID	PR2096426-022		PR2096426-023		PR2096426-024	
			Client sampling date / time	30-Sep-2020		30-Sep-2020		30-Sep-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**121**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**----**	----	**259**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**292**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**----**	----	**201**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**----**	----	**140**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**18.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**82.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO/TS 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2023649**	Issue Date	: 24-Mar-2020
Amendment	: **1**		
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 25
Order number	: ----	Date Samples Received	: 10-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 10-Mar-2020 - 24-Mar-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Amendment No. 1: Added sample PR2023649-040, client request. This Amendment No.1 replaces the original report issued on 18.3.2020.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.2-0.5m		K15.2-3m		K15.4-0.5m	
				Laboratory sample ID	PR2023649-001		PR2023649-002		PR2023649-003	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.0**	± 6.0%	**94.8**	± 6.0%	**87.7**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**2080**	± 20.0%	**----**	----	**21700**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.41**	± 20.0%	**----**	----	**2.05**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**14.5**	± 20.0%	**----**	----	**55.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.050**	± 20.0%	**----**	----	**0.708**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.2**	± 20.0%	**----**	----	**4.4**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**80000**	± 20.0%	**----**	----	**3310**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**5.14**	± 20.0%	**----**	----	**37.4**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.92**	± 20.0%	**----**	----	**10.2**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**4.3**	± 20.0%	**----**	----	**10.7**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**2330**	± 20.0%	**----**	----	**24500**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**6.9**	± 20.0%	**----**	----	**4.6**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**2.3**	± 20.0%	**----**	----	**17.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**14700**	± 20.0%	**----**	----	**2860**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**80.2**	± 20.0%	**----**	----	**448**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**6.1**	± 20.0%	**----**	----	**21.9**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**142**	± 20.0%	**----**	----	**129**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**392**	± 20.0%	**----**	----	**2390**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**185**	± 20.0%	**----**	----	**180**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**176**	± 20.0%	**----**	----	**186**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**194**	± 20.0%	**----**	----	**60.6**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**176**	± 20.0%	**----**	----	**67**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**83.4**	± 20.0%	**----**	----	**847**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**11.7**	± 20.0%	**----**	----	**49.0**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**36.3**	± 20.0%	**----**	----	**29.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**19.5**	± 20.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**23**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**15**	± 30.0%	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.4-3m		K15.18-0.5m		K15.18-3m	
				Laboratory sample ID	PR2023649-004		PR2023649-005		PR2023649-006	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**93.0**	± 6.0%	**97.0**	± 6.0%	**95.4**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**763**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**0.73**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**7.18**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.020**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.4-3m		K15.18-0.5m		K15.18-3m	
				Laboratory sample ID	PR2023649-004		PR2023649-005		PR2023649-006	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**36400**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.08**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.51**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1200**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**491**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**56.6**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**71.5**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**141**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**213**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**142**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**122**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**41**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**40.4**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**2.45**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**3.1**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.19-0.5m		K15.19-3m		K15.16-0.5m	
				Laboratory sample ID	PR2023649-007		PR2023649-008		PR2023649-009	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.5**	± 6.0%	**96.1**	± 6.0%	**93.3**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1480**	± 20.0%	**----**	----	**4690**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.14**	± 20.0%	**----**	----	**3.47**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**10.7**	± 20.0%	**----**	----	**18.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.050**	± 20.0%	**----**	----	**0.119**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**1.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**67500**	± 20.0%	**----**	----	**61400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.91**	± 20.0%	**----**	----	**8.98**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.75**	± 20.0%	**----**	----	**1.99**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**3.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1920**	± 20.0%	**----**	----	**5030**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**2.5**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**4.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**928**	± 20.0%	**----**	----	**1130**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.19-0.5m		K15.19-3m		K15.16-0.5m	
				Laboratory sample ID	PR2023649-007		PR2023649-008		PR2023649-009	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Manganese	S-METAXHB1	0.50	mg/kg DW		**88.6**	± 20.0%	**----**	----	**133**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**3.4**	± 20.0%	**----**	----	**10.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**103**	± 20.0%	**----**	----	**106**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**210**	± 20.0%	**----**	----	**503**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**217**	± 20.0%	**----**	----	**235**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**244**	± 20.0%	**----**	----	**160**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**246**	± 20.0%	**----**	----	**232**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**96**	± 20.0%	**----**	----	**68**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**71.2**	± 20.0%	**----**	----	**240**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**7.86**	± 20.0%	**----**	----	**17.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**5.0**	± 20.0%	**----**	----	**8.5**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.16-1m		K15.16-3m		K15.17-0.5m	
				Laboratory sample ID	PR2023649-010		PR2023649-011		PR2023649-012	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	**----**	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.4**	± 6.0%	**96.0**	± 6.0%	**97.3**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	**1400**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**1.27**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**11.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**----**	----	**0.040**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**----**	----	**38800**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**4.23**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**0.84**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**2.7**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**----**	----	**1780**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**2.9**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**1.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	**682**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**83.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**11.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**----**	----	**85.1**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	**206**	± 20.0%

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.16-1m Laboratory sample ID: PR2023649-010 Client sampling date / time: 05-Mar-2020		Client sample ID: K15.16-3m Laboratory sample ID: PR2023649-011 Client sampling date / time: 05-Mar-2020		Client sample ID: K15.17-0.5m Laboratory sample ID: PR2023649-012 Client sampling date / time: 05-Mar-2020	
				Result	MU	Result	MU	Result	MU
Extractable Metals / Major Cations - Continued									
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**254**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**----**	----	**143**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**142**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**----**	----	**65**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**----**	----	**70.8**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**15.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**9.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.16-1m		K15.16-3m		K15.17-0.5m	
				Laboratory sample ID	PR2023649-010		PR2023649-011		PR2023649-012	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**28**	± 30.0%	**----**	----	**----**	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Anilines									

Sub-Matrix: **SOIL**				Client sample ID	**K15.16-1m**		**K15.16-3m**		**K15.17-0.5m**	
				Laboratory sample ID	*PR2023649-010*		*PR2023649-011*		*PR2023649-012*	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Anilines - Continued										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Alcohols / Esters										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.17-3m**		**K15.6-0.5m**		**K15.6-3m**	
				Laboratory sample ID	*PR2023649-013*		*PR2023649-014*		*PR2023649-015*	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	**----**	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.3**	± 6.0%	**95.9**	± 6.0%	**95.6**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	**1020**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**1.20**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**4.92**	± 20.0%

Sub-Matrix: **SOIL**

				Client sample ID	K15.17-3m		K15.6-0.5m		K15.6-3m	
				Laboratory sample ID	PR2023649-013		PR2023649-014		PR2023649-015	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**----**	----	**0.020**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**----**	----	**49400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**2.68**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**0.40**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**----**	----	**1290**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**1.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	**543**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**57.9**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**----**	----	**51.1**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	**141**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**----**	----	**246**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**----**	----	**91**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**----**	----	**189**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**----**	----	**48**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**----**	----	**54.2**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**----**	----	**2.27**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----
BTEX										
Benzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.17-3m		K15.6-0.5m		K15.6-3m	
				Laboratory sample ID	PR2023649-013		PR2023649-014		PR2023649-015	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K15.17-3m		K15.6-0.5m		K15.6-3m	
				Laboratory sample ID	PR2023649-013		PR2023649-014		PR2023649-015	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	----	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	----	----	----	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	----	----	----	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Alcohols / Esters									

Sub-Matrix: **SOIL**				Client sample ID	K15.17-3m		K15.6-0.5m		K15.6-3m	
				Laboratory sample ID	PR2023649-013		PR2023649-014		PR2023649-015	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Alcohols / Esters - Continued									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.8-0.5m		K15.8-3m		K15.12-0.5m	
				Laboratory sample ID	PR2023649-016		PR2023649-017		PR2023649-018	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	**----**	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.4**	± 6.0%	**96.4**	± 6.0%	**96.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2420**	± 20.0%	**----**	----	**2520**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.17**	± 20.0%	**----**	----	**0.74**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**11.6**	± 20.0%	**----**	----	**14.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.065**	± 20.0%	**----**	----	**0.054**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**38600**	± 20.0%	**----**	----	**1820**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**5.06**	± 20.0%	**----**	----	**6.07**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.03**	± 20.0%	**----**	----	**1.75**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**2570**	± 20.0%	**----**	----	**3540**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.5**	± 20.0%	**----**	----	**1.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**660**	± 20.0%	**----**	----	**565**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**88.5**	± 20.0%	**----**	----	**104**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**2.4**	± 20.0%	**----**	----	**3.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**78.8**	± 20.0%	**----**	----	**106**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**288**	± 20.0%	**----**	----	**210**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**226**	± 20.0%	**----**	----	**243**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**112**	± 20.0%	**----**	----	**48**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**316**	± 20.0%	**----**	----	**9.94**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**60**	± 20.0%	**----**	----	<30	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**122**	± 20.0%	**----**	----	**262**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**9.92**	± 20.0%	**----**	----	**6.40**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**6.2**	± 20.0%	**----**	----	**5.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.8-0.5m		K15.8-3m		K15.12-0.5m	
				Laboratory sample ID	PR2023649-016		PR2023649-017		PR2023649-018	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.8-0.5m		K15.8-3m		K15.12-0.5m	
				Laboratory sample ID	PR2023649-016		PR2023649-017		PR2023649-018	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
Styrene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	**15**	± 30.0%
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	**----**	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----

Sub-Matrix: **SOIL**				Client sample ID	K15.8-0.5m		K15.8-3m		K15.12-0.5m	
				Laboratory sample ID	PR2023649-016		PR2023649-017		PR2023649-018	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K15.12-7.5m		K15.11-3m		K15.9-3m	
				Laboratory sample ID	PR2023649-019		PR2023649-020		PR2023649-021	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**85.2**	± 6.0%	**96.5**	± 6.0%	**95.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**2230**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**0.73**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**13.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**----**	----	**0.046**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**1080**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**5.12**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**1.48**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**----**	----	**3000**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**463**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**89.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**3.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**----**	----	**106**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**175**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**271**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**----**	----	**53**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**7.81**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**----**	----	<30	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.12-7.5m**		**K15.11-3m**		**K15.9-3m**	
				Laboratory sample ID	*PR2023649-019*		*PR2023649-020*		*PR2023649-021*	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**----**	----	**242**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**5.18**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**5.1**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.13-0.5m**		**K15.13-3m**		**K15.10-0.5m**	
				Laboratory sample ID	*PR2023649-022*		*PR2023649-023*		*PR2023649-024*	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.8**	± 6.0%	**96.1**	± 6.0%	**96.5**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**4160**	± 20.0%	**----**	----	**2770**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.50**	± 20.0%	**----**	----	**1.68**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**21.8**	± 20.0%	**----**	----	**14.9**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.121**	± 20.0%	**----**	----	**0.066**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**1.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**8360**	± 20.0%	**----**	----	**33000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.53**	± 20.0%	**----**	----	**7.62**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.93**	± 20.0%	**----**	----	**1.35**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**2.0**	± 20.0%	**----**	----	**7.5**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4770**	± 20.0%	**----**	----	**3240**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**16.2**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.6**	± 20.0%	**----**	----	**2.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**688**	± 20.0%	**----**	----	**1770**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**165**	± 20.0%	**----**	----	**108**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**4.0**	± 20.0%	**----**	----	**3.9**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**128**	± 20.0%	**----**	----	**142**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**449**	± 20.0%	**----**	----	**308**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**256**	± 20.0%	**----**	----	**242**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**63**	± 20.0%	**----**	----	**114**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**82.1**	± 20.0%	**----**	----	**166**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**40**	± 20.0%	**----**	----	**63**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**231**	± 20.0%	**----**	----	**135**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**8.00**	± 20.0%	**----**	----	**7.54**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**7.9**	± 20.0%	**----**	----	**18.0**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.1-0.5m		K15.1-3m		K15.5-3m	
				Laboratory sample ID	PR2023649-025		PR2023649-026		PR2023649-028	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.5**	± 6.0%	**87.5**	± 6.0%	**83.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3080**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.32**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**12.6**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.086**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.8**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**97300**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.56**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.08**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**2860**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1580**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**109**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.3**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**60.5**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**317**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**195**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**331**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**1050**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**184**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**143**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**5.38**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**3.9**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**13**	± 30.0%	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.7-0.5m		K15.7-3m		K15.3-3m	
				Laboratory sample ID	PR2023649-029		PR2023649-030		PR2023649-032	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.2**	± 6.0%	**82.1**	± 6.0%	**84.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2140**	± 20.0%	**----**	----	**3730**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.80**	± 20.0%	**----**	----	**3.05**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**13.1**	± 20.0%	**----**	----	**23.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.065**	± 20.0%	**----**	----	**0.100**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.5**	± 20.0%	**----**	----	**1.8**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**87100**	± 20.0%	**----**	----	**75300**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.7-0.5m		K15.7-3m		K15.3-3m	
				Laboratory sample ID	PR2023649-029		PR2023649-030		PR2023649-032	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.26**	± 20.0%	**----**	----	**7.50**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.90**	± 20.0%	**----**	----	**1.51**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**3.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**2460**	± 20.0%	**----**	----	**4110**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**5.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.2**	± 20.0%	**----**	----	**3.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1210**	± 20.0%	**----**	----	**5350**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**120**	± 20.0%	**----**	----	**109**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.6**	± 20.0%	**----**	----	**5.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**105**	± 20.0%	**----**	----	**123**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**321**	± 20.0%	**----**	----	**401**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**220**	± 20.0%	**----**	----	**227**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**284**	± 20.0%	**----**	----	**197**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**851**	± 20.0%	**----**	----	**239**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**162**	± 20.0%	**----**	----	**193**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**71.4**	± 20.0%	**----**	----	**192**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**5.32**	± 20.0%	**----**	----	**13.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**3.1**	± 20.0%	**----**	----	**13.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.14-0.5m		K15.14-3m		K15.15-0.5m	
				Laboratory sample ID	PR2023649-033		PR2023649-034		PR2023649-035	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	<1	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.4**	± 6.0%	**94.4**	± 6.0%	**96.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1610**	± 20.0%	**----**	----	**2890**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.19**	± 20.0%	**----**	----	**4.46**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**12.8**	± 20.0%	**----**	----	**18.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.045**	± 20.0%	**----**	----	**0.075**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**2.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**57100**	± 20.0%	**----**	----	**94100**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.71**	± 20.0%	**----**	----	**5.52**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.83**	± 20.0%	**----**	----	**1.13**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.2**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1900**	± 20.0%	**----**	----	**3120**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.7**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**3.1**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.14-0.5m		K15.14-3m		K15.15-0.5m	
				Laboratory sample ID	PR2023649-033		PR2023649-034		PR2023649-035	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Magnesium	S-METAXHB2	5.0	mg/kg DW		**920**	± 20.0%	**----**	----	**1300**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**92.2**	± 20.0%	**----**	----	**153**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**3.7**	± 20.0%	**----**	----	**2.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**95.3**	± 20.0%	**----**	----	**155**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**209**	± 20.0%	**----**	----	**372**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**278**	± 20.0%	**----**	----	**205**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**179**	± 20.0%	**----**	----	**258**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**424**	± 20.0%	**----**	----	**713**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**91**	± 20.0%	**----**	----	**130**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**74.2**	± 20.0%	**----**	----	**117**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**9.36**	± 20.0%	**----**	----	**9.54**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**7.9**	± 20.0%	**----**	----	**5.7**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----
BTEX										
Benzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		**----**	----	<10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		**----**	----	<10	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.14-0.5m		K15.14-3m		K15.15-0.5m	
				Laboratory sample ID	PR2023649-033		PR2023649-034		PR2023649-035	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	----	----	**33**	± 30.0%	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									

Sub-Matrix: **SOIL**				Client sample ID	K15.14-0.5m		K15.14-3m		K15.15-0.5m	
				Laboratory sample ID	PR2023649-033		PR2023649-034		PR2023649-035	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorinated Hydrocarbons - Continued									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.15-1m		K15.15-3m		K15.10-3m	
				Laboratory sample ID	PR2023649-036		PR2023649-037		PR2023649-038	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.15-1m Laboratory sample ID: PR2023649-036 Client sampling date / time: 05-Mar-2020		Client sample ID: K15.15-3m Laboratory sample ID: PR2023649-037 Client sampling date / time: 05-Mar-2020		Client sample ID: K15.10-3m Laboratory sample ID: PR2023649-038 Client sampling date / time: 05-Mar-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.6**	± 6.0%	**96.2**	± 6.0%	**97.1**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.15-1m		K15.15-3m		K15.10-3m	
				Laboratory sample ID	PR2023649-036		PR2023649-037		PR2023649-038	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued										
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW		**11**	± 30.0%	----	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Aromatic Compounds										
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Naphthalene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chlorinated Hydrocarbons										
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitrosoamines										
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Anilines										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K15.15-1m		K15.15-3m		K15.10-3m	
				Laboratory sample ID	PR2023649-036		PR2023649-037		PR2023649-038	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued									
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.9-3m-DUP		K15.12-7.5m-DUP		----	
				Laboratory sample ID	PR2023649-039		PR2023649-040		----	
				Client sampling date / time	05-Mar-2020		[18-Mar-2020]		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.5**	± 6.0%	**86.1**	± 6.0%	**----**	----
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2480**	± 20.0%	**1390**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**0.61**	± 20.0%	<0.50	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**14.6**	± 20.0%	**13.3**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.045**	± 20.0%	**0.035**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**1160**	± 20.0%	**27100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**5.73**	± 20.0%	**4.55**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.52**	± 20.0%	**1.01**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**2700**	± 20.0%	**2210**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**1.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**476**	± 20.0%	**457**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**90.2**	± 20.0%	**71.0**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.9-3m-DUP		K15.12-7.5m-DUP		----	
				Laboratory sample ID	PR2023649-039		PR2023649-040		----	
				Client sampling date / time	05-Mar-2020		[18-Mar-2020]		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Nickel	S-METAXHB1	1.0	mg/kg DW	**3.3**	± 20.0%	**1.8**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**114**	± 20.0%	**135**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**191**	± 20.0%	**145**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**283**	± 20.0%	**220**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**53**	± 20.0%	**53**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**8.64**	± 20.0%	**53.5**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	<30	----	<30	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**252**	± 20.0%	**181**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**5.94**	± 20.0%	**4.38**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**6.0**	± 20.0%	**3.7**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Analytical Methods	*Method Descriptions*
S-VOCGMS06	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	18 March 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200310-51
Your Reference:	Sde Dov
Location:	KTE-4-20-HAW
Report No:	546431

We received 4 samples on Tuesday March 10, 2020 and 3 of these samples were scheduled for analysis which was completed on Wednesday March 18, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan
Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200310-51	**Client Reference:**	Sde Dov	**Report Number:**	546431
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21855415	K15.2-0.5M-SOIL			05/03/2020
21855417	K15.16-0.5M-SOIL			05/03/2020
21855418	K15.17-0.5M-SOIL			05/03/2020
21855419	TEMP			

Maximum Sample/Coolbox Temperature (°C) :

ISO5667-3 Water quality - Sampling - Part3 -

During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

10.4

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200310-51	**Client Reference:**	Sde Dov	**Report Number:**	546431
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			21855415	21855417	21855418
Customer Sample Reference			K15.2-0.5M-SOIL	K15.16-0.5M-SOIL	K15.17-0.5M-SOIL
AGS Reference					
Depth (m)					
Container			125g Glass Jar	125g Glass Jar	125g Glass Jar
Sample Type			S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 2	X	X	
EPH by GCxGC-FID	All	NDPs: 0 Tests: 3	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 2	X	X	
Sample description	All	NDPs: 0 Tests: 3	X	X	X
Silver	All	NDPs: 0 Tests: 2	X	X	

CERTIFICATE OF ANALYSIS

SDG:	200310-51	**Client Reference:**	Sde Dov	**Report Number:**	546431
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21855415	K15.2-0.5M-SOIL		Dark Brown	Loamy Sand	Stones	None
21855417	K15.16-0.5M-SOIL		Dark Brown	Loamy Sand	Stones	None
21855418	K15.17-0.5M-SOIL		Dark Brown	Loamy Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200310-51	**Client Reference:**	Sde Dov	**Report Number:**	546431
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15.2-0.5M-SOIL	K15.16-0.5M-SOIL	K15.17-0.5M-SOIL
			Depth (m)	.	.	.
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
			Date Sampled	05/03/2020	05/03/2020	05/03/2020
			Sample Time	.	.	.
			Date Received	10/03/2020	10/03/2020	10/03/2020
			SDG Ref	200310-51	200310-51	200310-51
			Lab Sample No.(s)	21855415	21855417	21855418
			AGS Reference			
Moisture Content Ratio (% of as received sample)	%	PM024		4.6	5.2	1.7
Aluminium	<11 mg/kg	TM181		2380	4950	
Antimony	<0.6 mg/kg	TM181		<0.6 #	<0.6 #	
Arsenic	<0.6 mg/kg	TM181		2.08 M	3.8 M	
Barium	<0.6 mg/kg	TM181		19.7 #	26.1 #	
Beryllium	<0.01 mg/kg	TM181		0.0937 M	0.206 M	
Boron	<0.7 mg/kg	TM181		2.73 #	1.72 #	
Cadmium	<0.02 mg/kg	TM181		0.167 M	0.034 M	
Chromium	<0.9 mg/kg	TM181		5.56 M	10.9 M	
Cobalt	<0.1 mg/kg	TM181		1.85 M	7.98 M	
Copper	<1.4 mg/kg	TM181		3.36 M	2.28 M	
Iron	<1000 mg/kg	TM181		2970 #	6680 #	
Lead	<0.7 mg/kg	TM181		4.3 M	2.56 M	
Manganese	<0.13 mg/kg	TM181		76.5 M	133 M	
Mercury	<0.14 mg/kg	TM181		<0.14 M	<0.14 M	
Molybdenum	<0.1 mg/kg	TM181		0.302 #	<0.1 #	
Nickel	<0.2 mg/kg	TM181		6.95 M	9.8 M	
Phosphorus	<1 mg/kg	TM181		114	113	
Selenium	<1 mg/kg	TM181		<1 #	<1 #	
Strontium	<0.4 mg/kg	TM181		202 #	264 #	
Tin	<0.24 mg/kg	TM181		0.251 #	<0.24 #	
Thallium	<0.7 mg/kg	TM181		<0.7 #	<0.7 #	
Titanium	<0.1 mg/kg	TM181		102	247	
Vanadium	<0.2 mg/kg	TM181		13.9 #	21 #	
Zinc	<1.9 mg/kg	TM181		32.8 M	11 M	
Bismuth	<1 mg/kg	TM181		31.2	<1	
Lithium	<1 mg/kg	TM181		15.2	7.4	
Tellurium	<1 mg/kg	TM181		<10	<1	
Calcium	<21 mg/kg	TM224		127000	64100	
Sodium	<7 mg/kg	TM224		203	147	
Magnesium	<8 mg/kg	TM224		33700	1140	
Potassium	<16 mg/kg	TM224		422	582	
Silver	<10 mg/kg	TM250		<10	<10	

Validated

CERTIFICATE OF ANALYSIS

SDG:	200310-51	**Client Reference:**	Sde Dov	**Report Number:**	546431
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15.2-0.5M-SOIL	K15.16-0.5M-SOIL	K15.17-0.5M-SOIL
			Depth (m)	.	.	.
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
			Date Sampled	05/03/2020	05/03/2020	05/03/2020
			Sample Time	.	.	.
			Date Received	10/03/2020	10/03/2020	10/03/2020
			SDG Ref	200310-51	200310-51	200310-51
			Lab Sample No.(s)	21855415	21855417	21855418
			AGS Reference			
EPH Surrogate % recovery**	%	TM415		101	100	106
EPH >C10-C40	<35 mg/kg	TM415		<35 M	<35 M	<35 M
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35	<35

CERTIFICATE OF ANALYSIS

SDG:	200310-51	**Client Reference:**	Sde Dov	**Report Number:**	546431
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200310-51	**Client Reference:**	Sde Dov	**Report Number:**	546431
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	21855415	21855417	21855418
Customer Sample Ref.	K15.2-0.5M-SOIL	K15.16-0.5M-SOIL	K15.17-0.5M-SOIL
AGS Ref.			
Depth			
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	17-Mar-2020	17-Mar-2020	
EPH by GCxGC-FID	17-Mar-2020	17-Mar-2020	17-Mar-2020
Metals in solid samples by OES	16-Mar-2020	18-Mar-2020	
Sample description	10-Mar-2020	10-Mar-2020	10-Mar-2020
Silver	17-Mar-2020	17-Mar-2020	

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as “mixed hydrocarbons”. Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as “Not detected”. If no asbestos fibre types are found all will be reported as “Not detected” and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2107).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2051925**	Issue Date	: 11-Jun-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 3
Order number	: ----	Date Samples Received	: 03-Jun-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 09-Jun-2020 - 11-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2051925/002, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2051925-001,003, method S-METAXHB1,2 - acid digestion was performed from original wet material.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.5-1m		K15.3-2m		K2.12-3m	
				Laboratory sample ID	PR2051925-001		PR2051925-002		PR2051925-003	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.1**	± 6.0%	**90.1**	± 6.0%	**83.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1500**	± 20.0%	**----**	----	**17300**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.60**	± 20.0%	**----**	----	**1.49**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**12.3**	± 20.0%	**----**	----	**53.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.052**	± 20.0%	**----**	----	**0.503**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.8**	± 20.0%	**----**	----	**3.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**122000**	± 20.0%	**----**	----	**19900**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**4.14**	± 20.0%	**----**	----	**25.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.77**	± 20.0%	**----**	----	**7.19**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**8.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**1860**	± 20.0%	**----**	----	**16200**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**4.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**2.0**	± 20.0%	**----**	----	**11.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**2720**	± 20.0%	**----**	----	**3400**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**95.7**	± 20.0%	**----**	----	**354**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**3.9**	± 20.0%	**----**	----	**14.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**98.8**	± 20.0%	**----**	----	**175**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**261**	± 20.0%	**----**	----	**1780**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**150**	± 20.0%	**----**	----	**101**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**329**	± 20.0%	**----**	----	**139**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**650**	± 20.0%	**----**	----	**88.0**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**138**	± 20.0%	**----**	----	**68**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**76.0**	± 20.0%	**----**	----	**660**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**11.4**	± 20.0%	**----**	----	**27.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**8.1**	± 20.0%	**----**	----	**20.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**7.3**	± 20.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.

Analytical Methods	*Method Descriptions*
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2026232**	Issue Date	: 26-Mar-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: KTE-61-20	Page	: 1 of 10
Order number	: KTE-61-20	Date Samples Received	: 13-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 23-Mar-2020 - 26-Mar-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2026232/001,002,015,020,022,023,025,026, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2026232/018, method S-TPHFID14 - contain(s) hydrocarbons with retention time less than retention time of C10 and retention time higher than retention time of C40.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.52-0.5m Laboratory sample ID: PR2026232-001 Client sampling date / time: 09-Mar-2020		Client sample ID: K15.52-2m Laboratory sample ID: PR2026232-002 Client sampling date / time: 09-Mar-2020		Client sample ID: K15.52-3m Laboratory sample ID: PR2026232-003 Client sampling date / time: 09-Mar-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.2**	± 6.0%	**96.0**	± 6.0%	**95.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**889**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.05**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**12.0**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.042**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**54500**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.71**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.70**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1540**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**982**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**69.4**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**124**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**160**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**271**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**189**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**221**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**83**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**52.8**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**4.32**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**5.2**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**90**	± 30.0%	**541**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**45**	± 30.0%	**244**	± 30.0%	<12	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.20-1m Laboratory sample ID: PR2026232-004 Client sampling date / time: 09-Mar-2020		Client sample ID: K15.53B-0.5m Laboratory sample ID: PR2026232-005 Client sampling date / time: 09-Mar-2020		Client sample ID: K15.53B-1m Laboratory sample ID: PR2026232-006 Client sampling date / time: 09-Mar-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.6**	± 6.0%	**97.6**	± 6.0%	**96.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**950**	± 20.0%	**----**	----	**831**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.44**	± 20.0%	**----**	----	**2.74**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**10.9**	± 20.0%	**----**	----	**11.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.039**	± 20.0%	**----**	----	**0.038**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.20-1m		K15.53B-0.5m		K15.53B-1m	
				Laboratory sample ID	PR2026232-004		PR2026232-005		PR2026232-006	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Boron	S-METAXHB2	1.0	mg/kg DW		**1.4**	± 20.0%	**----**	----	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**67800**	± 20.0%	**----**	----	**74200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.64**	± 20.0%	**----**	----	**3.32**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.78**	± 20.0%	**----**	----	**0.53**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**1540**	± 20.0%	**----**	----	**1400**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.1**	± 20.0%	**----**	----	**1.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1030**	± 20.0%	**----**	----	**1060**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**86.7**	± 20.0%	**----**	----	**68.8**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.1**	± 20.0%	**----**	----	<1.0	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**120**	± 20.0%	**----**	----	**102**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**162**	± 20.0%	**----**	----	**157**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**254**	± 20.0%	**----**	----	**272**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**246**	± 20.0%	**----**	----	**237**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**225**	± 20.0%	**----**	----	**276**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**85**	± 20.0%	**----**	----	**84**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**55.4**	± 20.0%	**----**	----	**54.6**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**3.18**	± 20.0%	**----**	----	**2.63**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.53B-3m		K15.53-1m		K15.53-3m	
				Laboratory sample ID	PR2026232-007		PR2026232-008		PR2026232-009	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**94.4**	± 6.0%	**96.5**	± 6.0%	**95.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2770**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.80**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**20.9**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.098**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.8**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**39400**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**5.83**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.37**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.7**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**3430**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.8**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1080**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.53B-3m		K15.53-1m		K15.53-3m	
				Laboratory sample ID	PR2026232-007		PR2026232-008		PR2026232-009	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**127**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.5**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**132**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**422**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**289**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**139**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**218**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**69**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**123**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**8.05**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**6.0**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.20-3m		K15.21-3m		K15.22-1m	
				Laboratory sample ID	PR2026232-010		PR2026232-011		PR2026232-012	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.7**	± 6.0%	**94.3**	± 6.0%	**96.8**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	**1010**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**1.83**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**11.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**----**	----	**0.038**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	**1.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**----**	----	**54700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**3.54**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**0.77**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**----**	----	**1500**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**1.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	**741**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**72.7**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**1.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**----**	----	**87.0**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	**170**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**----**	----	**292**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**----**	----	**222**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	**K15.20-3m**		**K15.21-3m**		**K15.22-1m**	
				Laboratory sample ID	*PR2026232-010*		*PR2026232-011*		*PR2026232-012*	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**----**	----	**218**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**----**	----	**65**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**----**	----	**62.4**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**----**	----	**2.89**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.22-3m**		**K15.30-1m**		**K15.30-3m**	
				Laboratory sample ID	*PR2026232-013*		*PR2026232-014*		*PR2026232-015*	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**97.0**	± 6.0%	**96.8**	± 6.0%	**97.9**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**972**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**4.55**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**11.9**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.037**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.5**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**93600**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.84**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.80**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1660**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1070**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**98.0**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**124**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**158**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**306**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**322**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**311**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**105**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**52.7**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**3.53**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										

Sub-Matrix: SOIL				Client sample ID	K15.22-3m		K15.30-1m		K15.30-3m	
				Laboratory sample ID	PR2026232-013		PR2026232-014		PR2026232-015	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K15.59-1m		K15.59-3m		K15.54-1m	
				Laboratory sample ID	PR2026232-016		PR2026232-017		PR2026232-018	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.4**	± 6.0%	**99.6**	± 6.0%	**90.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1290**	± 20.0%	**----**	----	**3470**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**1.45**	± 20.0%
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.33**	± 20.0%	**----**	----	**1.80**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**12.4**	± 20.0%	**----**	----	**21.0**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.038**	± 20.0%	**----**	----	**0.056**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**2.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**0.44**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW	**51000**	± 20.0%	**----**	----	**112000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.27**	± 20.0%	**----**	----	**8.78**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.90**	± 20.0%	**----**	----	**1.49**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**2.2**	± 20.0%	**----**	----	**743**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1720**	± 20.0%	**----**	----	**2460**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**2.2**	± 20.0%	**----**	----	**70.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**2.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**4060**	± 20.0%	**----**	----	**18000**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**67.7**	± 20.0%	**----**	----	**67.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**0.75**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**2.9**	± 20.0%	**----**	----	**11.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**102**	± 20.0%	**----**	----	**132**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**241**	± 20.0%	**----**	----	**355**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**284**	± 20.0%	**----**	----	**239**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**164**	± 20.0%	**----**	----	**243**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**130**	± 20.0%	**----**	----	**228**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**115**	± 20.0%	**----**	----	**618**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**4.0**	± 20.0%
Titanium	S-METAXHB2	0.20	mg/kg DW	**71.3**	± 20.0%	**----**	----	**91.9**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**6.43**	± 20.0%	**----**	----	**18.7**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**9.4**	± 20.0%	**----**	----	**196**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**22**	± 30.0%	<10	----	**285**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**4520**	± 30.0%

Sub-Matrix: SOIL				Client sample ID	K15.54-3m		K15.58-1m		K15.58-3m	
				Laboratory sample ID	PR2026232-019		PR2026232-020		PR2026232-021	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.9**	± 6.0%	**95.8**	± 6.0%	**95.6**	± 6.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.54-3m		K15.58-1m		K15.58-3m	
				Laboratory sample ID	PR2026232-019		PR2026232-020		PR2026232-021	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2320**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.02**	± 20.0%	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.45**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**26.3**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.071**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2.0**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	**0.74**	± 20.0%	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**52800**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**9.30**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.41**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**84.6**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**3690**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**52.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.3**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1690**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**102**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**14.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**144**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**341**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**238**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**176**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**232**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**122**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**126**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**21.5**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**75.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**12**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.29-1m		K15.29-3m		K15.31-0.5m	
				Laboratory sample ID	PR2026232-022		PR2026232-023		PR2026232-024	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.4**	± 6.0%	**92.6**	± 6.0%	**96.8**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**3150**	± 20.0%	**2190**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.87**	± 20.0%	**2.73**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**20.5**	± 20.0%	**25.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.090**	± 20.0%	**0.064**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2.3**	± 20.0%	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**0.96**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**115000**	± 20.0%	**56400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**7.00**	± 20.0%	**7.83**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.29-1m		K15.29-3m		K15.31-0.5m	
				Laboratory sample ID	PR2026232-022		PR2026232-023		PR2026232-024	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.51**	± 20.0%	**1.37**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.2**	± 20.0%	**79.3**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**4410**	± 20.0%	**3300**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.6**	± 20.0%	**65.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.5**	± 20.0%	**2.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**16200**	± 20.0%	**1420**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**102**	± 20.0%	**99.3**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**6.4**	± 20.0%	**20.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**135**	± 20.0%	**144**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**444**	± 20.0%	**292**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**191**	± 20.0%	**249**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**236**	± 20.0%	**166**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**270**	± 20.0%	**242**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**191**	± 20.0%	**108**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**1.9**	± 20.0%
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**150**	± 20.0%	**118**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**14.4**	± 20.0%	**24.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**33.0**	± 20.0%	**77.5**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**10**	± 30.0%	**28**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.31-2m		K15.52-0.5m-DUP		K15.21-1m	
				Laboratory sample ID	PR2026232-025		PR2026232-026		PR2026232-027	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.1**	± 6.0%	**97.4**	± 6.0%	**94.6**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	**3350**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**1.08**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**15.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**----**	----	**0.094**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**----**	----	**2.0**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**----**	----	**58000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**6.65**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	**1.62**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**1.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**----**	----	**3710**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**3.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**----**	----	**1110**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**----**	----	**122**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**----**	----	**3.2**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.31-2m		K15.52-0.5m-DUP		K15.21-1m	
				Laboratory sample ID	PR2026232-025		PR2026232-026		PR2026232-027	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**----**	----	**92.4**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**409**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**290**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**----**	----	**192**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**368**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**----**	----	**84**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**----**	----	**178**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**9.56**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**5.1**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**19**	± 30.0%	**60**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**13**	± 30.0%	**35**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.41-1m		K15.41-3m		K15.55-1m	
				Laboratory sample ID	PR2026232-028		PR2026232-029		PR2026232-030	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.8**	± 6.0%	**96.2**	± 6.0%	**94.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**950**	± 20.0%	**----**	----	**2470**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.73**	± 20.0%	**----**	----	**5.51**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**11.4**	± 20.0%	**----**	----	**24.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.034**	± 20.0%	**----**	----	**0.069**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.8**	± 20.0%	**----**	----	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**127000**	± 20.0%	**----**	----	**103000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.69**	± 20.0%	**----**	----	**11.5**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.84**	± 20.0%	**----**	----	**1.41**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**19.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1780**	± 20.0%	**----**	----	**3880**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**16.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**2.5**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1400**	± 20.0%	**----**	----	**2830**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**132**	± 20.0%	**----**	----	**118**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**6.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**128**	± 20.0%	**----**	----	**162**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**173**	± 20.0%	**----**	----	**335**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**274**	± 20.0%	**----**	----	**205**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**475**	± 20.0%	**----**	----	**170**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**379**	± 20.0%	**----**	----	**324**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**142**	± 20.0%	**----**	----	**108**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.41-1m**		**K15.41-3m**		**K15.55-1m**	
				Laboratory sample ID	*PR2026232-028*		*PR2026232-029*		*PR2026232-030*	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**54.6**	± 20.0%	**----**	----	**167**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**3.78**	± 20.0%	**----**	----	**17.9**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	**36.5**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**19**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	**K15.55-3m**		**K15.12-7.0m**		**----**	
				Laboratory sample ID	*PR2026232-031*		*PR2026232-032*		----	
				Client sampling date / time	09-Mar-2020		[23-Mar-2020]		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.8**	± 6.0%	**96.5**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2030164**	Issue Date	: 07-Apr-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 4
Order number	: ----	Date Samples Received	: 26-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 26-Mar-2020 - 07-Apr-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2030164/005, method S-METAXHB - acid digestion was performed from original wet material.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.31-3m		K15.29-2m		K15.52-1m	
				Laboratory sample ID	PR2030164-001		PR2030164-003		PR2030164-004	
				Client sampling date / time	09-Mar-2020		09-Mar-2020		09-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.7**	± 6.0%	**96.6**	± 6.0%	**97.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1190**	± 20.0%	**758**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.40**	± 20.0%	**3.70**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**9.13**	± 20.0%	**10.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.046**	± 20.0%	**0.026**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**31600**	± 20.0%	**78600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.34**	± 20.0%	**3.12**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.67**	± 20.0%	**0.49**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1420**	± 20.0%	**1240**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.3**	± 20.0%	**1.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**486**	± 20.0%	**1010**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**56.8**	± 20.0%	**66.5**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.3**	± 20.0%	<1.0	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**74.1**	± 20.0%	**104**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**202**	± 20.0%	**155**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**364**	± 20.0%	**357**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**139**	± 20.0%	**316**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**140**	± 20.0%	**276**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**49**	± 20.0%	**110**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**47.3**	± 20.0%	**40.9**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**2.65**	± 20.0%	**4.05**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	<3.0	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**----**	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	**----**	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.46-0.5m		----		----	
				Laboratory sample ID	PR2030164-005		----		----	
				Client sampling date / time	10-Mar-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**86.7**	± 6.0%	**----**	----	**----**	----
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**26600**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**0.54**	± 20.0%	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.10**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**48.8**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.809**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.46-0.5m**		**----**		**----**	
				Laboratory sample ID	*PR2030164-005*		----		----	
				Client sampling date / time	10-Mar-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Boron	S-METAXHB2	1.0	mg/kg DW	**5.6**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**12100**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**49.4**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**11.3**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**7.5**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**28500**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**4.6**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**25.4**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**3700**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**309**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**24.2**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**114**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**2610**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**171**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**227**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**120**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**54**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**950**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**51.1**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**31.0**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**15.9**	± 20.0%	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	30 March 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200316-63
Your Reference:	Sde Dov
Location:	KTE-4-20-HAW
Report No:	547830

We received 5 samples on Monday March 16, 2020 and 2 of these samples were scheduled for analysis which was completed on Monday March 30, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21901842	K15.31		0.50	09/03/2020
21901844	K15.43		0.50	10/03/2020
21901845	K15.46		2.40	10/03/2020
21901843	K15.58		1.00	09/03/2020
21901851	TEMP			

Maximum Sample/Coolbox Temperature (°C) :

ISO5667-3 Water quality - Sampling - Part3 -

During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

8.2

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

			Lab Sample No(s)		
			21901842	21901843	
			Customer Sample Reference		
			K15.31	K15.58	
			AGS Reference		
			Depth (m)		
			0.50	1.00	
			Container		
			120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	
			Sample Type		
			S	S	
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 2	X	X	
EPH by GCxGC-FID	All	NDPs: 1 Tests: 1	X	N	
Metals in solid samples by OES	All	NDPs: 0 Tests: 2	X	X	
Sample description	All	NDPs: 0 Tests: 2	X	X	
Silver	All	NDPs: 0 Tests: 2	X	X	

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21901842	K15.31	0.50	Light Brown	Sand	Stones	None
21901843	K15.58	1.00	Light Brown	Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15.31	K15.58				
			Depth (m)	0.50	1.00				
			Sample Type	Soil/Solid (S)	Soil/Solid (S)				
			Date Sampled	09/03/2020	09/03/2020				
			Sample Time	.	.				
			Date Received	16/03/2020	16/03/2020				
			SDG Ref	200316-63	200316-63				
			Lab Sample No.(s)	21901842	21901843				
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		3	3.1				
Aluminium	<11 mg/kg	TM181		2390	2020				
Antimony	<0.6 mg/kg	TM181		0.808 #	1.19 #				
Arsenic	<0.6 mg/kg	TM181		2.97 M	3.16 M				
Barium	<0.6 mg/kg	TM181		31.5 #	25.5 #				
Beryllium	<0.01 mg/kg	TM181		0.1 M	0.0782 M				
Boron	<0.7 mg/kg	TM181		1.75 #	1.51 #				
Cadmium	<0.02 mg/kg	TM181		2.72 M	0.561 M				
Chromium	<0.9 mg/kg	TM181		8.51 M	8.73 M				
Cobalt	<0.1 mg/kg	TM181		3.53 M	4.09 M				
Copper	<1.4 mg/kg	TM181		217 M	151 M				
Iron	<1000 mg/kg	TM181		3520 #	3890 #				
Lead	<0.7 mg/kg	TM181		52.8 M	31.5 M				
Manganese	<0.13 mg/kg	TM181		112 M	105 M				
Mercury	<0.14 mg/kg	TM181		<0.14 M	<0.14 M				
Molybdenum	<0.1 mg/kg	TM181		0.119 #	0.164 #				
Nickel	<0.2 mg/kg	TM181		14.6 M	96.7 M				
Phosphorus	<1 mg/kg	TM181		154	135				
Selenium	<1 mg/kg	TM181		<1 #	<1 #				
Strontium	<0.4 mg/kg	TM181		315 #	249 #				
Tin	<0.24 mg/kg	TM181		0.987 #	0.948 #				
Thallium	<0.7 mg/kg	TM181		<0.7 #	<0.7 #				
Titanium	<0.1 mg/kg	TM181		91.1	95.6				
Vanadium	<0.2 mg/kg	TM181		16.3 #	19.7 #				
Zinc	<1.9 mg/kg	TM181		66.7 M	80.5 M				
Bismuth	<1 mg/kg	TM181		<1	<1				
Lithium	<1 mg/kg	TM181		12	10.3				
Tellurium	<1 mg/kg	TM181		<1	<1				
Calcium	<21 mg/kg	TM224		63700	55200				
Sodium	<7 mg/kg	TM224		184	193				
Magnesium	<8 mg/kg	TM224		1150	1550				
Potassium	<16 mg/kg	TM224		375	314				
Silver	<10 mg/kg	TM250		<10	<10				

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15.31	K15.58				
			Depth (m)	0.50	1.00				
			Sample Type	Soil/Solid (S)	Soil/Solid (S)				
			Date Sampled	09/03/2020	09/03/2020				
			Sample Time	.	.				
			Date Received	16/03/2020	16/03/2020				
			SDG Ref	200316-63	200316-63				
			Lab Sample No.(s)	21901842	21901843				
			AGS Reference						
EPH Surrogate % recovery**	%	TM415		94.4					
EPH >C10-C40	<35 mg/kg	TM415		<35 M					
EPH Band >C10-C12	<35 mg/kg	TM415		<35					
EPH Band >C12-C16	<35 mg/kg	TM415		<35					
EPH Band >C16-C21	<35 mg/kg	TM415		<35					
EPH Band >C21-C28	<35 mg/kg	TM415		<35					
EPH Band >C28-C35	<35 mg/kg	TM415		<35					
EPH Band >C35-C40	<35 mg/kg	TM415		<35					

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Notification of NDPs (No determination possible)

Date Received : 16/03/2020 16:14:59

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
21901843	K15.58	1.00	EPH by GCxGC-FID	Insufficient Sample

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	21901842	21901843
Customer Sample Ref.	K15.31	K15.58
AGS Ref.		
Depth	0.50	1.00
Type	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	26-Mar-2020	26-Mar-2020
EPH by GCxGC-FID	23-Mar-2020	
Metals in solid samples by OES	30-Mar-2020	30-Mar-2020
Sample description	18-Mar-2020	18-Mar-2020
Silver	24-Mar-2020	24-Mar-2020

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2107).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2025882**	Issue Date	: 25-Mar-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 7
Order number	: ----	Date Samples Received	: 12-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 14-Mar-2020 - 25-Mar-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.43-0.5m		K15.43-3m		K15.51-0.5m	
				Laboratory sample ID	PR2025882-001		PR2025882-002		PR2025882-003	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**97.6**	± 6.0%	**93.4**	± 6.0%	**87.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1230**	± 20.0%	**----**	----	**9020**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.01**	± 20.0%	**----**	----	**1.46**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**9.38**	± 20.0%	**----**	----	**21.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.027**	± 20.0%	**----**	----	**0.252**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.5**	± 20.0%	**----**	----	**3.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**60000**	± 20.0%	**----**	----	**43600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.62**	± 20.0%	**----**	----	**15.7**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.69**	± 20.0%	**----**	----	**3.40**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**2.5**	± 20.0%	**----**	----	**3.3**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**1400**	± 20.0%	**----**	----	**8780**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**32.5**	± 20.0%	**----**	----	**7.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.2**	± 20.0%	**----**	----	**8.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**2400**	± 20.0%	**----**	----	**1410**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**56.2**	± 20.0%	**----**	----	**164**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**2.2**	± 20.0%	**----**	----	**9.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**75.5**	± 20.0%	**----**	----	**79.6**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**228**	± 20.0%	**----**	----	**905**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**281**	± 20.0%	**----**	----	**275**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**170**	± 20.0%	**----**	----	**188**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**204**	± 20.0%	**----**	----	**269**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**86**	± 20.0%	**----**	----	**76**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**52.8**	± 20.0%	**----**	----	**367**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**6.29**	± 20.0%	**----**	----	**19.0**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**23.8**	± 20.0%	**----**	----	**11.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**5.8**	± 20.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.51-3m		K15.45-0.5m		K15.45-2m	
				Laboratory sample ID	PR2025882-004		PR2025882-005		PR2025882-006	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**87.9**	± 6.0%	**96.5**	± 6.0%	**89.7**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2320**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.24**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**12.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.070**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.51-3m**		**K15.45-0.5m**		**K15.45-2m**	
				Laboratory sample ID	*PR2025882-004*		*PR2025882-005*		*PR2025882-006*	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.6**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**51800**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.26**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.32**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**2210**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**8.4**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**988**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**96.6**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**13.6**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**79.2**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**320**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**282**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**174**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**235**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**79**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**97.3**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**21.0**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**8.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.46-0.5m**		**K15.46-2.4m**		**K10.2-0.5m**	
				Laboratory sample ID	*PR2025882-007*		*PR2025882-008*		*PR2025882-009*	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**87.3**	± 6.0%	**89.6**	± 6.0%	**95.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**16000**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**0.98**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**44.5**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.495**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**3260**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**29.6**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**8.41**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**6.2**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**16800**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.8**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**11.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1840**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.46-0.5m		K15.46-2.4m		K10.2-0.5m	
				Laboratory sample ID	PR2025882-007		PR2025882-008		PR2025882-009	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**366**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**17.0**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**90.8**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1390**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**260**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**137**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**48.6**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**39**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**721**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**33.8**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**19.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**14.0**	± 20.0%	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.2-3m		K10.1-0.5m		K10.1-3m	
				Laboratory sample ID	PR2025882-010		PR2025882-011		PR2025882-012	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**79.0**	± 6.0%	**94.6**	± 6.0%	**83.1**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**16500**	± 20.0%	**1220**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.47**	± 20.0%	**2.12**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**107**	± 20.0%	**14.6**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.455**	± 20.0%	**0.049**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**5.2**	± 20.0%	**1.5**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**173000**	± 20.0%	**123000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**22.6**	± 20.0%	**3.24**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**4.81**	± 20.0%	**0.73**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**4.6**	± 20.0%	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**16300**	± 20.0%	**1640**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**2.8**	± 20.0%	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**16.8**	± 20.0%	**1.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**5840**	± 20.0%	**1260**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**487**	± 20.0%	**111**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**10.7**	± 20.0%	**1.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**206**	± 20.0%	**135**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**2160**	± 20.0%	**203**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**185**	± 20.0%	**270**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**508**	± 20.0%	**394**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.2-3m		K10.1-0.5m		K10.1-3m	
				Laboratory sample ID	PR2025882-010		PR2025882-011		PR2025882-012	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Strontium	S-METAXHB1	0.10	mg/kg DW		**1690**	± 20.0%	**380**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**237**	± 20.0%	**142**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**358**	± 20.0%	**53.6**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**23.8**	± 20.0%	**5.90**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**16.0**	± 20.0%	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**9.0**	± 20.0%	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.7-0.5m		K10.7-3m		K10.14-0.5m	
				Laboratory sample ID	PR2025882-013		PR2025882-014		PR2025882-015	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**92.2**	± 6.0%	**83.3**	± 6.0%	**90.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1000**	± 20.0%	**1690**	± 20.0%	**1240**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.39**	± 20.0%	**1.46**	± 20.0%	**1.24**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**12.6**	± 20.0%	**14.3**	± 20.0%	**12.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.035**	± 20.0%	**0.057**	± 20.0%	**0.040**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.1**	± 20.0%	**1.3**	± 20.0%	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**62600**	± 20.0%	**58600**	± 20.0%	**77100**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.14**	± 20.0%	**5.29**	± 20.0%	**3.45**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.62**	± 20.0%	**0.82**	± 20.0%	**0.75**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	**1.1**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**1290**	± 20.0%	**1980**	± 20.0%	**1460**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	**1.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**1.4**	± 20.0%	**1.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**741**	± 20.0%	**903**	± 20.0%	**948**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**90.7**	± 20.0%	**98.4**	± 20.0%	**88.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**1.5**	± 20.0%	**8.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**107**	± 20.0%	**117**	± 20.0%	**132**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**159**	± 20.0%	**244**	± 20.0%	**196**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**289**	± 20.0%	**266**	± 20.0%	**279**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**221**	± 20.0%	**211**	± 20.0%	**271**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**246**	± 20.0%	**257**	± 20.0%	**248**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**76**	± 20.0%	**110**	± 20.0%	**97**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**48.9**	± 20.0%	**60.8**	± 20.0%	**53.0**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**4.82**	± 20.0%	**4.30**	± 20.0%	**17.8**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	<3.0	----	**3.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons										

Sub-Matrix: SOIL				Client sample ID	K10.7-0.5m		K10.7-3m		K10.14-0.5m	
				Laboratory sample ID	PR2025882-013		PR2025882-014		PR2025882-015	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**15**	± 30.0%

Sub-Matrix: SOIL				Client sample ID	K10.14-3m		K10.2-4.2m		K10.1-4.2m	
				Laboratory sample ID	PR2025882-016		PR2025882-017		PR2025882-018	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		10-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**74.3**	± 6.0%	**88.0**	± 6.0%	**85.2**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.14-4.2m		K15.43-0.5m-DUP		----	
				Laboratory sample ID	PR2025882-019		PR2025882-020		----	
				Client sampling date / time	10-Mar-2020		10-Mar-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**88.8**	± 6.0%	**97.8**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**11**	± 30.0%	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2029074**	Issue Date	: 02-Apr-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 4
Order number	: ----	Date Samples Received	: 24-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 24-Mar-2020 - 02-Apr-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Should a sample contain sediment it is decanted prior to volatile compounds determination.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **WATER**

				Client sample ID	FB		FB		----	
				Laboratory sample ID	PR2029074-001		PR2029074-002		----	
				Client sampling date / time	10-Mar-2020		15-Mar-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations									
Aluminium	W-METAXFX1	0.010	mg/L	**0.020**	± 10.0%	<0.010	----	**----**	----
Antimony	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Arsenic	W-METAXFX1	0.0050	mg/L	<0.0050	----	<0.0050	----	**----**	----
Barium	W-METAXFX1	0.00050	mg/L	**0.0345**	± 10.0%	**0.00123**	± 10.0%	**----**	----
Beryllium	W-METAXFX1	0.00020	mg/L	<0.00020	----	<0.00020	----	**----**	----
Bismuth	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Boron	W-METAXFX1	0.010	mg/L	**0.161**	± 10.0%	**0.016**	± 10.0%	**----**	----
Cadmium	W-METAXFX1	0.00040	mg/L	<0.00040	----	<0.00040	----	**----**	----
Calcium	W-METAXFX1	0.0050	mg/L	**47.8**	± 10.0%	**20.3**	± 10.0%	**----**	----
Chromium	W-METAXFX1	0.0010	mg/L	<0.0010	----	**0.0025**	± 10.0%	**----**	----
Cobalt	W-METAXFX1	0.0020	mg/L	<0.0020	----	<0.0020	----	**----**	----
Copper	W-METAXFX1	0.0010	mg/L	**0.0040**	± 10.0%	<0.0010	----	**----**	----
Iron	W-METAXFX1	0.0020	mg/L	**0.0332**	± 10.0%	<0.0020	----	**----**	----
Lead	W-METAXFX1	0.0050	mg/L	<0.0050	----	<0.0050	----	**----**	----
Lithium	W-METAXFX1	0.0010	mg/L	**0.0077**	± 10.0%	<0.0010	----	**----**	----
Magnesium	W-METAXFX1	0.0030	mg/L	**19.7**	± 10.0%	**21.5**	± 10.0%	**----**	----
Manganese	W-METAXFX1	0.00050	mg/L	<0.00050	----	<0.00050	----	**----**	----
Mercury	W-HG-AFSFXL	0.0020	µg/L	**0.0022**	± 10.0%	<0.0020	----	**----**	----
Molybdenum	W-METAXFX1	0.0020	mg/L	<0.0020	----	<0.0020	----	**----**	----
Nickel	W-METAXFX1	0.0020	mg/L	<0.0020	----	<0.0020	----	**----**	----
Phosphorus	W-METAXFX1	0.050	mg/L	<0.050	----	<0.050	----	**----**	----
Potassium	W-METAXFX1	0.015	mg/L	**6.12**	± 10.0%	**4.92**	± 10.0%	**----**	----
Selenium	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Silicon	W-METAXFX2	0.010	mg/L	**2.36**	± 10.0%	**12.0**	± 10.0%	**----**	----
Silver	W-METAXFX1	0.0010	mg/L	<0.0010	----	<0.0010	----	**----**	----
Sodium	W-METAXFX1	0.030	mg/L	**103**	± 10.0%	**39.5**	± 10.0%	**----**	----
Strontium	W-METAXFX2	0.0010	mg/L	**0.343**	± 10.0%	**0.192**	± 10.0%	**----**	----
Sulphur	W-METAXFX2	0.060	mg/L	**11.4**	± 10.0%	**2.30**	± 10.0%	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Titanium	W-METAXFX2	0.0010	mg/L	<0.0010	----	<0.0010	----	**----**	----
Vanadium	W-METAXFX1	0.0010	mg/L	<0.0010	----	**0.0115**	± 10.0%	**----**	----
Zinc	W-METAXFX1	0.0020	mg/L	**0.177**	± 10.0%	<0.0020	----	**----**	----
Zirconium	W-METAXFX2	0.0010	mg/L	<0.0010	----	<0.0010	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L	<30	----	<30	----	**----**	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L	<35	----	<35	----	**----**	----
BTEX									
Benzene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Toluene	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
Ethylbenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
meta- & para-Xylene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
ortho-Xylene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Sum of BTEX	W-VOCGMS01	1.10	µg/L	<1.10	----	<1.10	----	**----**	----
Sum of xylenes	W-VOCGMS01	0.30	µg/L	<0.30	----	<0.30	----	**----**	----
Sum of TEX	W-VOCGMS01	0.90	µg/L	<0.90	----	<0.90	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.1-Trichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
1.1.2-Trichloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
1.1-Dichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2.3-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	**FB**		**FB**		**----**	
				Laboratory sample ID	*PR2029074-001*		*PR2029074-002*		----	
				Client sampling date / time	10-Mar-2020		15-Mar-2020		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
1.2.3-Trichloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
1.2.4-Trichlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
1.2-Dibromo-3-chloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
1.2-Dibromoethane (EDB)	W-VOCGMS01	0.50	µg/L		<0.50	----	<0.50	----	**----**	----
1.2-Dichlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	W-VOCGMS01	0.50	µg/L		<0.50	----	<0.50	----	**----**	----
1.2-Dichloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
1.3.5-Trichlorobenzene	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
1.3-Dichlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
1.3-Dichloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
1.4-Dichlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
2.2-Dichloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
2-Chlorotoluene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
4-Chlorotoluene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Bromobenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Bromochloromethane	W-VOCGMS01	2.0	µg/L		<2.0	----	<2.0	----	**----**	----
Bromodichloromethane	W-VOCGMS01	0.10	µg/L		**0.11**	± 40.0%	<0.10	----	**----**	----
Bromoform	W-VOCGMS01	0.20	µg/L		**65.4**	± 40.0%	<0.20	----	**----**	----
Bromomethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Chlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
Chloroethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Chloroform	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
Chloromethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
cis-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Dibromochloromethane	W-VOCGMS01	0.10	µg/L		**1.82**	± 40.0%	<0.10	----	**----**	----
Dibromomethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Dichlorodifluoromethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Dichloromethane	W-VOCGMS01	6.0	µg/L		<6.0	----	<6.0	----	**----**	----
Hexachlorobutadiene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Sum of 3 Dichlorobenzenes	W-VOCGMS01	0.30	µg/L		<0.30	----	<0.30	----	**----**	----
Sum of 3 Trichlorobenzenes	W-VOCGMS01	0.40	µg/L		<0.40	----	<0.40	----	**----**	----
Sum of 4 Trihalomethanes	W-VOCGMS01	0.50	µg/L		**67.3**	----	<0.50	----	**----**	----
Sum of 5 Chlorinated Ethenes	W-VOCGMS01	0.60	µg/L		<0.60	----	<0.60	----	**----**	----
Tetrachloroethene	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Tetrachloromethane	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
trans-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Trichloroethene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
Trichlorofluoromethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Vinyl chloride	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
Sum of 1.2-Dichloroethenes	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Non-Halogenated Volatile Organic Compounds										
1.2.4-Trimethylbenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
1.3.5-Trimethylbenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Diisopropyl ether (DIPE)	W-VOCGMS01	0.60	µg/L		<0.60	----	<0.60	----	**----**	----
Ethyl tert-Butyl Ether (ETBE)	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Isopropylbenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
n-Butylbenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
n-Propylbenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
p-Isopropyltoluene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
sec-Butylbenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Styrene	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Sum of BTEXS	W-VOCGMS01	1.3	µg/L		<1.3	----	<1.3	----	**----**	----
tert-Amyl Ethyl Ether (TAEE)	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
tert-Amyl Methyl Ether (TAME)	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
tert-Butyl alcohol	W-VOCGMS01	5.0	µg/L		<5.0	----	<5.0	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	FB		FB		----	
				Laboratory sample ID	PR2029074-001		PR2029074-002		----	
				Client sampling date / time	10-Mar-2020		15-Mar-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
tert-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Indane	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
1.4-Dioxane	W-VOCGMS01	50	µg/L	<50	----	<50	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
W-VOCGMS01	CZ_SOP_D06_03_155 except chap. 10.5, 10.6 (US EPA 624, US EPA 8260, US EPA 8015, CSN EN ISO 10301, MADEP 2004, rev. 1.1, CSN ISO 11423, CSN EN ISO 15680) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	30 March 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200316-63
Your Reference:	Sde Dov
Location:	KTE-4-20-HAW
Report No:	547830

We received 5 samples on Monday March 16, 2020 and 2 of these samples were scheduled for analysis which was completed on Monday March 30, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21901842	K15.31		0.50	09/03/2020
21901844	K15.43		0.50	10/03/2020
21901845	K15.46		2.40	10/03/2020
21901843	K15.58		1.00	09/03/2020
21901851	TEMP			

Maximum Sample/Coolbox Temperature (°C) :

ISO5667-3 Water quality - Sampling - Part3 -

During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

8.2

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

			Lab Sample No(s)		
			21901842	21901843	
			Customer Sample Reference		
			K15.31	K15.58	
			AGS Reference		
			Depth (m)		
			0.50	1.00	
			Container		
			120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	
			Sample Type		
			S	S	
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 2	X	X	
EPH by GCxGC-FID	All	NDPs: 1 Tests: 1	X	N	
Metals in solid samples by OES	All	NDPs: 0 Tests: 2	X	X	
Sample description	All	NDPs: 0 Tests: 2	X	X	
Silver	All	NDPs: 0 Tests: 2	X	X	

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21901842	K15.31	0.50	Light Brown	Sand	Stones	None
21901843	K15.58	1.00	Light Brown	Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15.31	K15.58				
			Depth (m)	0.50	1.00				
			Sample Type	Soil/Solid (S)	Soil/Solid (S)				
			Date Sampled	09/03/2020	09/03/2020				
			Sample Time	.	.				
			Date Received	16/03/2020	16/03/2020				
			SDG Ref	200316-63	200316-63				
			Lab Sample No.(s)	21901842	21901843				
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		3	3.1				
Aluminium	<11 mg/kg	TM181		2390	2020				
Antimony	<0.6 mg/kg	TM181		0.808 #	1.19 #				
Arsenic	<0.6 mg/kg	TM181		2.97 M	3.16 M				
Barium	<0.6 mg/kg	TM181		31.5 #	25.5 #				
Beryllium	<0.01 mg/kg	TM181		0.1 M	0.0782 M				
Boron	<0.7 mg/kg	TM181		1.75 #	1.51 #				
Cadmium	<0.02 mg/kg	TM181		2.72 M	0.561 M				
Chromium	<0.9 mg/kg	TM181		8.51 M	8.73 M				
Cobalt	<0.1 mg/kg	TM181		3.53 M	4.09 M				
Copper	<1.4 mg/kg	TM181		217 M	151 M				
Iron	<1000 mg/kg	TM181		3520 #	3890 #				
Lead	<0.7 mg/kg	TM181		52.8 M	31.5 M				
Manganese	<0.13 mg/kg	TM181		112 M	105 M				
Mercury	<0.14 mg/kg	TM181		<0.14 M	<0.14 M				
Molybdenum	<0.1 mg/kg	TM181		0.119 #	0.164 #				
Nickel	<0.2 mg/kg	TM181		14.6 M	96.7 M				
Phosphorus	<1 mg/kg	TM181		154	135				
Selenium	<1 mg/kg	TM181		<1 #	<1 #				
Strontium	<0.4 mg/kg	TM181		315 #	249 #				
Tin	<0.24 mg/kg	TM181		0.987 #	0.948 #				
Thallium	<0.7 mg/kg	TM181		<0.7 #	<0.7 #				
Titanium	<0.1 mg/kg	TM181		91.1	95.6				
Vanadium	<0.2 mg/kg	TM181		16.3 #	19.7 #				
Zinc	<1.9 mg/kg	TM181		66.7 M	80.5 M				
Bismuth	<1 mg/kg	TM181		<1	<1				
Lithium	<1 mg/kg	TM181		12	10.3				
Tellurium	<1 mg/kg	TM181		<1	<1				
Calcium	<21 mg/kg	TM224		63700	55200				
Sodium	<7 mg/kg	TM224		184	193				
Magnesium	<8 mg/kg	TM224		1150	1550				
Potassium	<16 mg/kg	TM224		375	314				
Silver	<10 mg/kg	TM250		<10	<10				

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15.31	K15.58				
			Depth (m)	0.50	1.00				
			Sample Type	Soil/Solid (S)	Soil/Solid (S)				
			Date Sampled	09/03/2020	09/03/2020				
			Sample Time	.	.				
			Date Received	16/03/2020	16/03/2020				
			SDG Ref	200316-63	200316-63				
			Lab Sample No.(s)	21901842	21901843				
			AGS Reference						
EPH Surrogate % recovery**	%	TM415		94.4					
EPH >C10-C40	<35 mg/kg	TM415		<35 M					
EPH Band >C10-C12	<35 mg/kg	TM415		<35					
EPH Band >C12-C16	<35 mg/kg	TM415		<35					
EPH Band >C16-C21	<35 mg/kg	TM415		<35					
EPH Band >C21-C28	<35 mg/kg	TM415		<35					
EPH Band >C28-C35	<35 mg/kg	TM415		<35					
EPH Band >C35-C40	<35 mg/kg	TM415		<35					

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Notification of NDPs (No determination possible)

Date Received : 16/03/2020 16:14:59

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
21901843	K15.58	1.00	EPH by GCxGC-FID	Insufficient Sample

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200316-63	**Client Reference:**	Sde Dov	**Report Number:**	547830
Location:	KTE-4-20-HAW	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	21901842	21901843
Customer Sample Ref.	K15.31	K15.58
AGS Ref.		
Depth	0.50	1.00
Type	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	26-Mar-2020	26-Mar-2020
EPH by GCxGC-FID	23-Mar-2020	
Metals in solid samples by OES	30-Mar-2020	30-Mar-2020
Sample description	18-Mar-2020	18-Mar-2020
Silver	24-Mar-2020	24-Mar-2020

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2107).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2026546**	Issue Date	: 24-Mar-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 13
Order number	: ----	Date Samples Received	: 17-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 17-Mar-2020 - 24-Mar-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2026546/022,026,028,030, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.46-3m		K15.43-3m		K15.42-3m	
				Laboratory sample ID	PR2026546-001		PR2026546-002		PR2026546-003	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.3**	± 6.0%	**95.0**	± 6.0%	**96.4**	± 6.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.26-0.5m		K15.26-3m		K15.45-3m	
				Laboratory sample ID	PR2026546-004		PR2026546-005		PR2026546-006	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**93.8**	± 6.0%	**85.4**	± 6.0%	**95.1**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**3200**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.68**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**16.9**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.089**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**3.0**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**86700**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**6.67**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.22**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**2.1**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**3620**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**3.0**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1400**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**133**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**2.6**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**109**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**480**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**282**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**313**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**819**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**134**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**136**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**5.51**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**5.5**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.48-1m		K15.49-1m		K15.49-3m	
				Laboratory sample ID	PR2026546-007		PR2026546-008		PR2026546-009	

Sub-Matrix: **SOIL**				Client sample ID	K15.48-1m		K15.49-1m		K15.49-3m	
				Laboratory sample ID	PR2026546-007		PR2026546-008		PR2026546-009	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**90.6**	± 6.0%	**88.0**	± 6.0%	**95.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**7520**	± 20.0%	**26800**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**0.79**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**20.1**	± 20.0%	**54.7**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.196**	± 20.0%	**0.822**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**3.0**	± 20.0%	**7.2**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**47500**	± 20.0%	**4810**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**15.0**	± 20.0%	**49.8**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**3.02**	± 20.0%	**10.9**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**3.3**	± 20.0%	**8.4**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**7470**	± 20.0%	**29000**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**1.3**	± 20.0%	**5.0**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**6.8**	± 20.0%	**22.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1210**	± 20.0%	**3690**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**146**	± 20.0%	**406**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**0.40**	± 20.0%	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**6.0**	± 20.0%	**24.9**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**74.6**	± 20.0%	**98.6**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**851**	± 20.0%	**2680**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**253**	± 20.0%	**240**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**196**	± 20.0%	**182**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**488**	± 20.0%	**73.6**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**78**	± 20.0%	**40**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**371**	± 20.0%	**1080**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**13.0**	± 20.0%	**52.6**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**21.1**	± 20.0%	**33.5**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**20.4**	± 20.0%	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.42-0.5m		K15.43-1m		K15.47-0.5m	
				Laboratory sample ID	PR2026546-010		PR2026546-011		PR2026546-012	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**86.8**	± 6.0%	**87.8**	± 6.0%	**91.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**15700**	± 20.0%	**22400**	± 20.0%	**4210**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.03**	± 20.0%	**1.39**	± 20.0%	**1.12**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**30.7**	± 20.0%	**43.1**	± 20.0%	**14.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.395**	± 20.0%	**0.625**	± 20.0%	**0.108**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**4.1**	± 20.0%	**5.0**	± 20.0%	**2.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----

Sub-Matrix: **SOIL**				Client sample ID	K15.42-0.5m		K15.43-1m		K15.47-0.5m	
				Laboratory sample ID	PR2026546-010		PR2026546-011		PR2026546-012	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Calcium	S-METAXHB2	50	mg/kg DW	**59000**	± 20.0%	**4200**	± 20.0%	**48800**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**25.8**	± 20.0%	**39.5**	± 20.0%	**8.25**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**5.53**	± 20.0%	**8.72**	± 20.0%	**1.87**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**6.0**	± 20.0%	**8.9**	± 20.0%	**1.9**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**15000**	± 20.0%	**22500**	± 20.0%	**4470**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**5.4**	± 20.0%	**7.5**	± 20.0%	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**14.5**	± 20.0%	**17.5**	± 20.0%	**3.9**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**5940**	± 20.0%	**2660**	± 20.0%	**974**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**189**	± 20.0%	**308**	± 20.0%	**119**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**14.7**	± 20.0%	**19.2**	± 20.0%	**3.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**83.8**	± 20.0%	**95.3**	± 20.0%	**75.2**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**1440**	± 20.0%	**1980**	± 20.0%	**492**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**265**	± 20.0%	**295**	± 20.0%	**279**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**156**	± 20.0%	**173**	± 20.0%	**167**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**108**	± 20.0%	**53.2**	± 20.0%	**359**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**75**	± 20.0%	**42**	± 20.0%	**78**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**614**	± 20.0%	**950**	± 20.0%	**216**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**32.0**	± 20.0%	**41.9**	± 20.0%	**9.88**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**15.9**	± 20.0%	**25.8**	± 20.0%	**5.1**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**11.4**	± 20.0%	**17.5**	± 20.0%	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.47-3m		K15.44-1m		K15.44-3m	
				Laboratory sample ID	PR2026546-013		PR2026546-014		PR2026546-015	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**92.6**	± 6.0%	**88.5**	± 6.0%	**94.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**24500**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.28**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**46.4**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.710**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**5.3**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**4030**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**43.8**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**9.46**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**8.9**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**25000**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**4.0**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**18.8**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**2890**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**343**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.47-3m		K15.44-1m		K15.44-3m	
				Laboratory sample ID	PR2026546-013		PR2026546-014		PR2026546-015	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**21.0**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**99.1**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**2200**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**292**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**235**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**45.9**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**51**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**965**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**46.2**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**33.6**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**19.5**	± 20.0%	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.50-2m		K15.50-3m		K15.27-1m	
				Laboratory sample ID	PR2026546-016		PR2026546-017		PR2026546-018	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**88.6**	± 6.0%	**91.4**	± 6.0%	**93.7**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**27100**	± 20.0%	**----**	----	**1830**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**2.72**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**56.6**	± 20.0%	**----**	----	**15.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.781**	± 20.0%	**----**	----	**0.050**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**6.5**	± 20.0%	**----**	----	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**4890**	± 20.0%	**----**	----	**71700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**47.2**	± 20.0%	**----**	----	**4.98**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**10.5**	± 20.0%	**----**	----	**1.04**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**9.2**	± 20.0%	**----**	----	**1.8**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**27500**	± 20.0%	**----**	----	**2130**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**4.6**	± 20.0%	**----**	----	**8.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**20.7**	± 20.0%	**----**	----	**1.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**3370**	± 20.0%	**----**	----	**1420**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**402**	± 20.0%	**----**	----	**80.8**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**0.44**	± 20.0%	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**23.0**	± 20.0%	**----**	----	**2.9**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**119**	± 20.0%	**----**	----	**101**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**2520**	± 20.0%	**----**	----	**270**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**263**	± 20.0%	**----**	----	**228**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**169**	± 20.0%	**----**	----	**175**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**44.0**	± 20.0%	**----**	----	**220**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**48**	± 20.0%	**----**	----	**98**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.50-2m		K15.50-3m		K15.27-1m	
				Laboratory sample ID	PR2026546-016		PR2026546-017		PR2026546-018	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**1080**	± 20.0%	**----**	----	**106**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**49.8**	± 20.0%	**----**	----	**7.83**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**31.1**	± 20.0%	**----**	----	**6.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**20.8**	± 20.0%	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.27-3m		K15.33-0.5m		K15.33-3m	
				Laboratory sample ID	PR2026546-019		PR2026546-020		PR2026546-021	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.9**	± 6.0%	**96.0**	± 6.0%	**96.4**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1050**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**0.89**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**9.63**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.030**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**50900**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.48**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.63**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1350**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**667**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**69.8**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**132**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**163**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**323**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**199**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**186**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**60**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**46.6**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**4.21**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.28-0.5m		K15.28-3m		K15.23-0.5m	
				Laboratory sample ID	PR2026546-022		PR2026546-023		PR2026546-024	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.4**	± 6.0%	**97.4**	± 6.0%	**97.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1560**	± 20.0%	**----**	----	**1150**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**0.96**	± 20.0%	**----**	----	**1.56**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**13.3**	± 20.0%	**----**	----	**10.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.038**	± 20.0%	**----**	----	**0.029**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**1.0**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**44200**	± 20.0%	**----**	----	**50600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.54**	± 20.0%	**----**	----	**4.01**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.93**	± 20.0%	**----**	----	**0.72**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**2.5**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1940**	± 20.0%	**----**	----	**1530**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**6.1**	± 20.0%	**----**	----	**1.5**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1450**	± 20.0%	**----**	----	**678**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**77.3**	± 20.0%	**----**	----	**67.8**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**8.1**	± 20.0%	**----**	----	**1.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**137**	± 20.0%	**----**	----	**104**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**236**	± 20.0%	**----**	----	**177**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**322**	± 20.0%	**----**	----	**365**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**154**	± 20.0%	**----**	----	**195**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**198**	± 20.0%	**----**	----	**203**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**138**	± 20.0%	**----**	----	**62**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**69.3**	± 20.0%	**----**	----	**55.3**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**14.0**	± 20.0%	**----**	----	**6.62**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**76.1**	± 20.0%	**----**	----	**8.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**24**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.23-3m		K15.56-2m		K15.56-3m	
				Laboratory sample ID	PR2026546-025		PR2026546-026		PR2026546-027	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.2**	± 6.0%	**96.8**	± 6.0%	**95.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**905**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.86**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**10.2**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.020**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**43800**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.23-3m		K15.56-2m		K15.56-3m	
				Laboratory sample ID	PR2026546-025		PR2026546-026		PR2026546-027	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.43**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.59**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1260**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1040**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**68.5**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.0**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**81.5**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**151**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**348**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**209**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**154**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**126**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**52.2**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**8.09**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**3.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**26**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.32-0.5m		K15.32-3m		K15.57-1m	
				Laboratory sample ID	PR2026546-028		PR2026546-029		PR2026546-030	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**94.8**	± 6.0%	**94.4**	± 6.0%	**92.4**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1490**	± 20.0%	**----**	----	**1800**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.24**	± 20.0%	**----**	----	**2.79**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**11.8**	± 20.0%	**----**	----	**13.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.048**	± 20.0%	**----**	----	**0.056**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**1.6**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**54000**	± 20.0%	**----**	----	**72600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**4.57**	± 20.0%	**----**	----	**5.14**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.87**	± 20.0%	**----**	----	**0.89**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**1.6**	± 20.0%	**----**	----	**2.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**1820**	± 20.0%	**----**	----	**2030**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**3.7**	± 20.0%	**----**	----	**3.8**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**1.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1220**	± 20.0%	**----**	----	**5880**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**76.1**	± 20.0%	**----**	----	**76.4**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----

Sub-Matrix: **SOIL**				Client sample ID	K15.32-0.5m		K15.32-3m		K15.57-1m	
				Laboratory sample ID	PR2026546-028		PR2026546-029		PR2026546-030	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Nickel	S-METAXHB1	1.0	mg/kg DW		**3.5**	± 20.0%	**----**	----	**4.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**126**	± 20.0%	**----**	----	**96.0**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**247**	± 20.0%	**----**	----	**257**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**336**	± 20.0%	**----**	----	**273**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**153**	± 20.0%	**----**	----	**207**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**156**	± 20.0%	**----**	----	**245**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**94**	± 20.0%	**----**	----	**128**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**70.0**	± 20.0%	**----**	----	**80.3**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**9.39**	± 20.0%	**----**	----	**9.63**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**12.2**	± 20.0%	**----**	----	**13.3**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**69**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.57-3m		K15.25-0.5m		K15.25-3m	
				Laboratory sample ID	PR2026546-031		PR2026546-032		PR2026546-033	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**94.8**	± 6.0%	**96.0**	± 6.0%	**97.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1420**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.70**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**14.6**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.042**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**102000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**4.47**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.90**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.4**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1930**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1280**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**108**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**9.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**125**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**205**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**255**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**232**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**355**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**113**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.57-3m		K15.25-0.5m		K15.25-3m	
				Laboratory sample ID	PR2026546-031		PR2026546-032		PR2026546-033	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**78.0**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**14.3**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**10.7**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.35-0.5m		K15.35-3m		K15.36-1m	
				Laboratory sample ID	PR2026546-034		PR2026546-035		PR2026546-036	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.8**	± 6.0%	**95.8**	± 6.0%	**96.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**968**	± 20.0%	**----**	----	**1060**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.89**	± 20.0%	**----**	----	**3.88**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**12.4**	± 20.0%	**----**	----	**16.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.034**	± 20.0%	**----**	----	**0.034**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**2.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**68400**	± 20.0%	**----**	----	**129000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.33**	± 20.0%	**----**	----	**3.35**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.77**	± 20.0%	**----**	----	**1.21**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1460**	± 20.0%	**----**	----	**1810**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**866**	± 20.0%	**----**	----	**1380**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**92.0**	± 20.0%	**----**	----	**188**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**98.5**	± 20.0%	**----**	----	**102**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**170**	± 20.0%	**----**	----	**165**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**284**	± 20.0%	**----**	----	**295**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**340**	± 20.0%	**----**	----	**293**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**254**	± 20.0%	**----**	----	**628**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**92**	± 20.0%	**----**	----	**137**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**58.3**	± 20.0%	**----**	----	**61.3**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**3.38**	± 20.0%	**----**	----	**3.65**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.36-3m		K15.37-0.5m		K15.37-3m	
				Laboratory sample ID	PR2026546-037		PR2026546-038		PR2026546-039	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.9**	± 6.0%	**95.6**	± 6.0%	**95.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3860**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.82**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**15.5**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.090**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**62200**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**7.27**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.60**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**4070**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.7**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1020**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**115**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**75.6**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**410**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**278**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**212**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**497**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**87**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**191**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**6.27**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**4.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.38-0.5m		K15.38-3m		K15.46-2m-DUP	
				Laboratory sample ID	PR2026546-040		PR2026546-041		PR2026546-042	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.0**	± 6.0%	**93.7**	± 6.0%	**95.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2590**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.23**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**13.6**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.066**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.6**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.38-0.5m		K15.38-3m		K15.46-2m-DUP	
				Laboratory sample ID	PR2026546-040		PR2026546-041		PR2026546-042	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		15-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Calcium	S-METAXHB2	50	mg/kg DW	**56600**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**6.00**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.26**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**2.7**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**2700**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**2.0**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.4**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1130**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**97.3**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**4.0**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**104**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**289**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**276**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**204**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**315**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**89**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**124**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**7.85**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**6.4**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.23-3m-DUP		K15.48-3m		----	
				Laboratory sample ID	PR2026546-043		PR2026546-044		----	
				Client sampling date / time	15-Mar-2020		15-Mar-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.6**	± 6.0%	**86.5**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.

Analytical Methods	*Method Descriptions*
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Website: www.alsenvironmental.co.uk

Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	31 March 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200317-55
Your Reference:	Sde Dov
Location:	KTE-5-20-HAW
Report No:	547965

This report has been revised and directly supersedes 547831 in its entirety.

We received 7 samples on Tuesday March 17, 2020 and 7 of these samples were scheduled for analysis which was completed on Monday March 23, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan
Operations Manager

ALS Life Sciences Limited. Registered Office: Units 7 & 8 Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US. Registered in England and Wales No. 4057291.

CERTIFICATE OF ANALYSIS

SDG:	200317-55	**Client Reference:**	Sde Dov	**Report Number:**	547965
Location:	KTE-5-20-HAW	**Order Number:**		**Superseded Report:**	547831

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21906294	K15.25		3.00	15/03/2020
21906295	K15.28		3.00	15/03/2020
21906296	K15.36		3.00	15/03/2020
21906297	K15.47		3.00	15/03/2020
21906299	K15.50		3.00	15/03/2020
21906300	K15.56		3.00	15/03/2020
21906301	K15.57		3.00	15/03/2020

Maximum Sample/Coolbox Temperature (°C) : **12.0**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200317-55	**Client Reference:**	Sde Dov	**Report Number:**	547965
Location:	KTE-5-20-HAW	**Order Number:**		**Superseded Report:**	547831

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			21906294	21906295	21906296	21906297	21906299	21906300	21906301
Customer Sample Reference			K15.25	K15.28	K15.36	K15.47	K15.50	K15.56	K15.57
AGS Reference									
Depth (m)			3.00	3.00	3.00	3.00	3.00	3.00	3.00
Container			125g Glass Jar	125g Glass Jar	125g Glass Jar	125g Glass Jar	125g Glass Jar	125g Glass Jar	125g Glass Jar
Sample Type			S	S	S	S	S	S	S
EPH by GCxGC-FID	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X
Sample description	All	NDPs: 0 Tests: 7	X	X	X	X	X	X	X

CERTIFICATE OF ANALYSIS

SDG:	200317-55	**Client Reference:**	Sde Dov	**Report Number:**	547965
Location:	KTE-5-20-HAW	**Order Number:**		**Superseded Report:**	547831

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21906294	K15.25	3.00	Beige	Loamy Sand	None	None
21906295	K15.28	3.00	Beige	Loamy Sand	Stones	None
21906296	K15.36	3.00	Beige	Loamy Sand	None	None
21906297	K15.47	3.00	Orange	Loamy Sand	None	None
21906299	K15.50	3.00	Red	Loamy Sand	Stones	None
21906300	K15.56	3.00	Light Brown	Loamy Sand	None	None
21906301	K15.57	3.00	Beige	Loamy Sand	None	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200317-55	**Client Reference:**	Sde Dov	**Report Number:**	547965
Location:	KTE-5-20-HAW	**Order Number:**		**Superseded Report:**	547831

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15.25	K15.28	K15.36	K15.47	K15.50	K15.56
			Depth (m)	3.00	3.00	3.00	3.00	3.00	3.00
			Sample Type	Unspecified Solid (UNS)	Unspecified Solid (UNS)	Unspecified Solid (UNS)	Unspecified Solid (UNS)	Unspecified Solid (UNS)	Unspecified Solid (UNS)
			Date Sampled	15/03/2020	15/03/2020	15/03/2020	15/03/2020	15/03/2020	15/03/2020
			Sample Time	.	.	.	.	.	.
			Date Received	17/03/2020	17/03/2020	17/03/2020	17/03/2020	17/03/2020	17/03/2020
			SDG Ref	200317-55	200317-55	200317-55	200317-55	200317-55	200317-55
			Lab Sample No.(s)	21906294	21906295	21906296	21906297	21906299	21906300
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		2.8	2.4	3.2	7.1	8.5	4.1
EPH Surrogate % recovery**	%	TM415		104	99	105	97	96.2	101
EPH >C10-C40	<35 mg/kg	TM415		<35	<35	<35	<35	<35	<35
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35	<35	<35	<35	<35
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35	<35	<35	<35	<35
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35	<35	<35	<35	<35
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35	<35	<35	<35	<35
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35	<35	<35	<35	<35
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35	<35	<35	<35	<35

Validated

CERTIFICATE OF ANALYSIS

SDG:	200317-55	**Client Reference:**	Sde Dov	**Report Number:**	547965
Location:	KTE-5-20-HAW	**Order Number:**		**Superseded Report:**	547831

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Customer Sample Ref.			K15.57
Depth (m)			3.00
Sample Type			Unspecified Solid (UNS)
Date Sampled			15/03/2020
Sample Time			.
Date Received			17/03/2020
SDG Ref			200317-55
Lab Sample No.(s)			21906301
AGS Reference			
Component	**LOD/Units**	**Method**	
Moisture Content Ratio (% of as received sample)	%	PM024	4.6
EPH Surrogate % recovery**	%	TM415	97.8
EPH >C10-C40	<35 mg/kg	TM415	<35
EPH Band >C10-C12	<35 mg/kg	TM415	<35
EPH Band >C12-C16	<35 mg/kg	TM415	<35
EPH Band >C16-C21	<35 mg/kg	TM415	<35
EPH Band >C21-C28	<35 mg/kg	TM415	<35
EPH Band >C28-C35	<35 mg/kg	TM415	<35
EPH Band >C35-C40	<35 mg/kg	TM415	<35

CERTIFICATE OF ANALYSIS

SDG:	200317-55	**Client Reference:**	Sde Dov	**Report Number:**	547965
Location:	KTE-5-20-HAW	**Order Number:**		**Superseded Report:**	547831

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200317-55	**Client Reference:**	Sde Dov	**Report Number:**	547965
Location:	KTE-5-20-HAW	**Order Number:**		**Superseded Report:**	547831

Test Completion Dates

Lab Sample No(s)	21906294	21906295	21906296	21906297	21906299	21906300	21906301
Customer Sample Ref.	K15.25	K15.28	K15.36	K15.47	K15.50	K15.56	K15.57
AGS Ref.							
Depth	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Type	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
EPH by GCxGC-FID	20-Mar-2020	23-Mar-2020	20-Mar-2020	20-Mar-2020	20-Mar-2020	20-Mar-2020	20-Mar-2020
Sample description	18-Mar-2020	18-Mar-2020	18-Mar-2020	18-Mar-2020	18-Mar-2020	18-Mar-2020	18-Mar-2020

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH_4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2107).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

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Website: www.alsenvironmental.co.uk

Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	30 March 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200319-103
Your Reference:	Sde Dov
Location:	KTE-6-20-HAW
Report No:	547897

We received 5 samples on Thursday March 19, 2020 and 5 of these samples were scheduled for analysis which was completed on Monday March 30, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200319-103	**Client Reference:**	Sde Dov	**Report Number:**	547897
Location:	KTE-6-20-HAW	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21922123	K10.3		0.50	16/03/2020
21922125	K10.8		0.50	16/03/2020
21922124	K10.9		0.50	16/03/2020
21922126	K10.11		0.50	16/03/2020
21922127	K13.16		0.50	17/03/2020

Maximum Sample/Coolbox Temperature (°C) : **8.4**

ISO5667-3 Water quality - Sampling - Part3 -

During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200319-103	**Client Reference:**	Sde Dov	**Report Number:**	547897
Location:	KTE-6-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			21922123	21922125	21922124	21922126	21922127
Customer Sample Reference			K10.3	K10.8	K10.9	K10.11	K13.16
AGS Reference							
Depth (m)			0.50	0.50	0.50	0.50	0.50
Container			120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)
Sample Type			S	S	S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 5	X	X	X	X	X
EPH by GCxGC-FID	All	NDPs: 0 Tests: 5	X	X	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 5	X	X	X	X	X
Sample description	All	NDPs: 0 Tests: 5	X	X	X	X	X
Silver	All	NDPs: 0 Tests: 5	X	X	X	X	X

CERTIFICATE OF ANALYSIS

SDG:	200319-103	**Client Reference:**	Sde Dov	**Report Number:**	547897
Location:	KTE-6-20-HAW	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	fine	0.063mm - 0.1mm	medium	0.1mm - 2mm	coarse	2mm - 10mm	very coarse	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21922123	K10.3	0.50	Light Brown	Sand	None	None
21922125	K10.8	0.50	Light Brown	Sand	None	None
21922124	K10.9	0.50	Light Brown	Sand	Stones	None
21922126	K10.11	0.50	Light Brown	Sand	Stones	None
21922127	K13.16	0.50	Light Brown	Sand	None	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

CERTIFICATE OF ANALYSIS

SDG:	200319-103	**Client Reference:**	Sde Dov	**Report Number:**	547897
Location:	KTE-6-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K10.3	K10.8	K10.9	K10.11	K13.16
			Depth (m)	0.50	0.50	0.50	0.50	0.50
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
			Date Sampled	16/03/2020	16/03/2020	16/03/2020	16/03/2020	17/03/2020
			Sample Time	.	.	.	.	.
			Date Received	19/03/2020	19/03/2020	19/03/2020	19/03/2020	19/03/2020
			SDG Ref	200319-103	200319-103	200319-103	200319-103	200319-103
			Lab Sample No.(s)	21922123	21922125	21922124	21922126	21922127
			AGS Reference					
Moisture Content Ratio (% of as received sample)	%	PM024		9.5	11	9.6	6.1	3
Aluminium	<11 mg/kg	TM181		741	1150	1570	1660	737
Antimony	<0.6 mg/kg	TM181		<0.6 #	<0.6 #	<0.6 #	<0.6 #	<0.6 #
Arsenic	<0.6 mg/kg	TM181		1.5 M	1.55 M	1.56 M	3.68 M	2.42 M
Barium	<0.6 mg/kg	TM181		15.2 #	26.4 #	20.7 #	25.5 #	15.8 #
Beryllium	<0.01 mg/kg	TM181		0.0347 M	0.0498 M	0.0696 M	0.0722 M	0.0424 M
Boron	<0.7 mg/kg	TM181		0.825 #	1.09 #	1.35 #	1.69 #	1.2 #
Cadmium	<0.02 mg/kg	TM181		<0.02 M	<0.02 M	<0.02 M	0.0757 M	<0.02 M
Chromium	<0.9 mg/kg	TM181		4.16 M	4.62 M	4.87 M	5.43 M	3.94 M
Cobalt	<0.1 mg/kg	TM181		9.79 M	9.65 M	8.33 M	1.86 M	6.53 M
Copper	<1.4 mg/kg	TM181		<1.4 M	2.16 M	2.08 M	2.15 M	<1.4 M
Iron	<1000 mg/kg	TM181		1670 #	2230 #	2800 #	2490 #	1780 #
Lead	<0.7 mg/kg	TM181		<0.7 M	1.46 M	1.87 M	4.12 M	<0.7 M
Manganese	<0.13 mg/kg	TM181		72.5 M	59.7 M	86.2 M	89.5 M	93.6 M
Mercury	<0.14 mg/kg	TM181		<0.14 M	<0.14 M	<0.14 M	<0.14 M	<0.14 M
Molybdenum	<0.1 mg/kg	TM181		0.163 #	0.213 #	0.14 #	0.114 #	<0.1 #
Nickel	<0.2 mg/kg	TM181		1.56 M	2.13 M	5.14 M	12.3 M	1.98 M
Phosphorus	<1 mg/kg	TM181		97.5	261	143	142	107
Selenium	<1 mg/kg	TM181		<1 #	<1 #	<1 #	<1 #	<1 #
Strontium	<0.4 mg/kg	TM181		160 #	113 #	189 #	425 #	300 #
Tin	<0.24 mg/kg	TM181		<0.24 #	0.318 #	<0.24 #	<0.24 #	<0.24 #
Thallium	<0.7 mg/kg	TM181		<0.7 #	<0.7 #	<0.7 #	<0.7 #	<0.7 #
Titanium	<0.1 mg/kg	TM181		45.8	40.8	123	93.3	34.4
Vanadium	<0.2 mg/kg	TM181		5.43 #	8.56 #	10.9 #	21.2 #	7.08 #
Zinc	<1.9 mg/kg	TM181		3.03 M	35.3 M	10.1 M	73.3 M	3.52 M
Bismuth	<1 mg/kg	TM181		8.35	6.8	6.32	7.16	7.73
Lithium	<1 mg/kg	TM181		8.17	7.72	9.07	13.5	10.4
Tellurium	<1 mg/kg	TM181		<1	<1	<1	<1	<1
Calcium	<21 mg/kg	TM224		36400	25000	46200	118000	74500
Sodium	<7 mg/kg	TM224		203	198	349	240	359
Magnesium	<8 mg/kg	TM224		568	875	2860	10300	884
Potassium	<16 mg/kg	TM224		190	299	319	289	204
Silver	<10 mg/kg	TM250		<10	<10	<10	<10	<10

Validated

CERTIFICATE OF ANALYSIS

SDG:	200319-103	**Client Reference:**	Sde Dov	**Report Number:**	547897
Location:	KTE-6-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K10.3	K10.8	K10.9	K10.11	K13.16
			Depth (m)	0.50	0.50	0.50	0.50	0.50
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
			Date Sampled	16/03/2020	16/03/2020	16/03/2020	16/03/2020	17/03/2020
			Sample Time	.	.	.	.	.
			Date Received	19/03/2020	19/03/2020	19/03/2020	19/03/2020	19/03/2020
			SDG Ref	200319-103	200319-103	200319-103	200319-103	200319-103
			Lab Sample No.(s)	21922123	21922125	21922124	21922126	21922127
			AGS Reference					
EPH Surrogate % recovery**	%	TM415		88	88.2	85.6	88.6	88.4
EPH >C10-C40	<35 mg/kg	TM415		<35 M	<35 M	<35 M	<35 M	<35 M
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35	<35	<35	<35
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35	<35	<35	<35
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35	<35	<35	<35
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35	<35	<35	<35
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35	<35	<35	<35
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35	<35	<35	<35

CERTIFICATE OF ANALYSIS

SDG:	200319-103	**Client Reference:**	Sde Dov	**Report Number:**	547897
Location:	KTE-6-20-HAW	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

Validated

CERTIFICATE OF ANALYSIS

SDG:	200319-103	**Client Reference:**	Sde Dov	**Report Number:**	547897
Location:	KTE-6-20-HAW	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	21922123	21922125	21922124	21922126	21922127
Customer Sample Ref.	K10.3	K10.8	K10.9	K10.11	K13.16
AGS Ref.					
Depth	0.50	0.50	0.50	0.50	0.50
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	30-Mar-2020	30-Mar-2020	30-Mar-2020	30-Mar-2020	30-Mar-2020
EPH by GCxGC-FID	25-Mar-2020	25-Mar-2020	25-Mar-2020	24-Mar-2020	25-Mar-2020
Metals in solid samples by OES	26-Mar-2020	26-Mar-2020	26-Mar-2020	26-Mar-2020	26-Mar-2020
Sample description	21-Mar-2020	21-Mar-2020	21-Mar-2020	21-Mar-2020	21-Mar-2020
Silver	30-Mar-2020	30-Mar-2020	30-Mar-2020	30-Mar-2020	30-Mar-2020

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as “mixed hydrocarbons”. Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as “Not detected”. If no asbestos fibre types are found all will be reported as “Not detected” and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2107).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2027598**	Issue Date	: 27-Mar-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 26
Order number	: ----	Date Samples Received	: 19-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 19-Mar-2020 - 27-Mar-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2027598/009,034,038,059-062, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2027598/031,039, method S-TPHFID14 - contain(s) hydrocarbons with retention time less than retention time of C10 and retention time higher than retention time of C40.

Sample(s) PR2027598/031,032, method S-SMVGMS03 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2027598/061, method S-TPHFID14 - results are the average of multiple (6 times) determination - non-homogeneous sample(s).

Should a sample contain sediment it is decanted prior to volatile compounds determination.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K13.16-0.5m Laboratory sample ID: PR2027598-001 Client sampling date / time: 17-Mar-2020		Client sample ID: K13.16-3m Laboratory sample ID: PR2027598-002 Client sampling date / time: 17-Mar-2020		Client sample ID: K13.12-0.5m Laboratory sample ID: PR2027598-003 Client sampling date / time: 17-Mar-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.5**	± 6.0%	**95.2**	± 6.0%	**96.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**819**	± 20.0%	**----**	----	**1700**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**1.38**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**8.91**	± 20.0%	**----**	----	**15.9**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.026**	± 20.0%	**----**	----	**0.058**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**1.4**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**57900**	± 20.0%	**----**	----	**57100**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.19**	± 20.0%	**----**	----	**4.12**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.64**	± 20.0%	**----**	----	**0.92**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1120**	± 20.0%	**----**	----	**2080**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**1.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**723**	± 20.0%	**----**	----	**730**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**65.3**	± 20.0%	**----**	----	**84.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**1.5**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**79.9**	± 20.0%	**----**	----	**133**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**123**	± 20.0%	**----**	----	**251**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**256**	± 20.0%	**----**	----	**268**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**264**	± 20.0%	**----**	----	**199**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**221**	± 20.0%	**----**	----	**264**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**80**	± 20.0%	**----**	----	**76**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**37.7**	± 20.0%	**----**	----	**63.6**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**6.12**	± 20.0%	**----**	----	**3.77**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**3.4**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K13.12-3m Laboratory sample ID: PR2027598-004 Client sampling date / time: 17-Mar-2020		Client sample ID: K13.11-0.5m Laboratory sample ID: PR2027598-005 Client sampling date / time: 17-Mar-2020		Client sample ID: K13.11-3m Laboratory sample ID: PR2027598-006 Client sampling date / time: 17-Mar-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.7**	± 6.0%	**95.7**	± 6.0%	**95.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1360**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.08**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**18.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.032**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.12-3m**		**K13.11-0.5m**		**K13.11-3m**	
				Laboratory sample ID	*PR2027598-004*		*PR2027598-005*		*PR2027598-006*	
				Client sampling date / time	17-Mar-2020		17-Mar-2020		17-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**64700**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.26**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.96**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**12.8**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**2000**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**7.5**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1200**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**82.7**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**9.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**271**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**243**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**276**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**165**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**261**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**102**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**78.0**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**13.1**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**38.8**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**19**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**16**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.10-0.5m**		**K13.10-3m**		**K13.15-0.5m**	
				Laboratory sample ID	*PR2027598-007*		*PR2027598-008*		*PR2027598-009*	
				Client sampling date / time	17-Mar-2020		17-Mar-2020		17-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**92.4**	± 6.0%	**96.6**	± 6.0%	**96.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3130**	± 20.0%	**----**	----	**1060**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.51**	± 20.0%	**----**	----	**0.92**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**20.3**	± 20.0%	**----**	----	**10.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.084**	± 20.0%	**----**	----	**0.034**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**62200**	± 20.0%	**----**	----	**66000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**6.38**	± 20.0%	**----**	----	**3.27**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.47**	± 20.0%	**----**	----	**0.72**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.6**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**3630**	± 20.0%	**----**	----	**1350**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**2.0**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.4**	± 20.0%	**----**	----	**1.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1380**	± 20.0%	**----**	----	**3380**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K13.10-0.5m		K13.10-3m		K13.15-0.5m	
				Laboratory sample ID	PR2027598-007		PR2027598-008		PR2027598-009	
				Client sampling date / time	17-Mar-2020		17-Mar-2020		17-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Manganese	S-METAXHB1	0.50	mg/kg DW		**92.9**	± 20.0%	**----**	----	**65.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**6.2**	± 20.0%	**----**	----	**2.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**93.0**	± 20.0%	**----**	----	**99.8**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**335**	± 20.0%	**----**	----	**151**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**229**	± 20.0%	**----**	----	**294**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**168**	± 20.0%	**----**	----	**176**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**216**	± 20.0%	**----**	----	**218**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**82**	± 20.0%	**----**	----	**99**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**163**	± 20.0%	**----**	----	**53.4**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**11.4**	± 20.0%	**----**	----	**4.42**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**7.1**	± 20.0%	**----**	----	**4.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**24**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K13.15-3m		K13.13-0.5m		K13.13-3m	
				Laboratory sample ID	PR2027598-010		PR2027598-011		PR2027598-012	
				Client sampling date / time	17-Mar-2020		17-Mar-2020		17-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.9**	± 6.0%	**96.3**	± 6.0%	**95.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1770**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.62**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**14.9**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.054**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**68900**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**5.58**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.09**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.0**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**3050**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**7.7**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.8**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1230**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**94.7**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.52**	± 20.0%	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**26.8**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**104**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**262**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**284**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**264**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.15-3m**		**K13.13-0.5m**		**K13.13-3m**	
				Laboratory sample ID	*PR2027598-010*		*PR2027598-011*		*PR2027598-012*	
				Client sampling date / time	17-Mar-2020		17-Mar-2020		17-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**279**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**90**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**94.1**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**26.4**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**26.1**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**12**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.4-0.5m**		**K10.4-3m**		**K10.8-0.5m**	
				Laboratory sample ID	*PR2027598-013*		*PR2027598-014*		*PR2027598-015*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**87.1**	± 6.0%	**84.4**	± 6.0%	**90.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1000**	± 20.0%	**----**	----	**875**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.22**	± 20.0%	**----**	----	<0.50	----
Barium	S-METAXHB1	0.20	mg/kg DW	**11.0**	± 20.0%	**----**	----	**8.83**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.022**	± 20.0%	**----**	----	**0.029**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**52800**	± 20.0%	**----**	----	**38200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.35**	± 20.0%	**----**	----	**2.70**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.72**	± 20.0%	**----**	----	**0.55**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1390**	± 20.0%	**----**	----	**1060**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**672**	± 20.0%	**----**	----	**855**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**71.6**	± 20.0%	**----**	----	**50.3**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**1.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**112**	± 20.0%	**----**	----	**81.9**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**166**	± 20.0%	**----**	----	**135**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**290**	± 20.0%	**----**	----	**281**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**204**	± 20.0%	**----**	----	**159**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**169**	± 20.0%	**----**	----	**136**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**72**	± 20.0%	**----**	----	**67**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**62.9**	± 20.0%	**----**	----	**41.7**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**5.65**	± 20.0%	**----**	----	**7.49**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**4.6**	± 20.0%	**----**	----	**17.0**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									

Sub-Matrix: SOIL				Client sample ID	K10.4-0.5m		K10.4-3m		K10.8-0.5m	
				Laboratory sample ID	PR2027598-013		PR2027598-014		PR2027598-015	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.8-1.6m		K10.3-0.5m		K10.3-3m	
				Laboratory sample ID	PR2027598-016		PR2027598-017		PR2027598-018	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**85.6**	± 6.0%	**89.6**	± 6.0%	**94.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1100**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**0.76**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**11.7**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.031**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**29300**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.76**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.72**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1400**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**541**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**60.8**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**115**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**166**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**264**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**127**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**105**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**38**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**93.6**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**4.87**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.5-0.5m		K10.5-3m		K10.9-0.5m	
				Laboratory sample ID	PR2027598-019		PR2027598-020		PR2027598-021	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**89.2**	± 6.0%	**86.6**	± 6.0%	**89.3**	± 6.0%

Sub-Matrix: **SOIL**				Client sample ID	K10.5-0.5m		K10.5-3m		K10.9-0.5m	
				Laboratory sample ID	PR2027598-019		PR2027598-020		PR2027598-021	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**5230**	± 20.0%	**----**	----	**1170**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.76**	± 20.0%	**----**	----	**0.96**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**32.8**	± 20.0%	**----**	----	**12.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.130**	± 20.0%	**----**	----	**0.026**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.4**	± 20.0%	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**99900**	± 20.0%	**----**	----	**48500**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**9.89**	± 20.0%	**----**	----	**3.69**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**2.31**	± 20.0%	**----**	----	**0.74**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**4.4**	± 20.0%	**----**	----	**1.1**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**5980**	± 20.0%	**----**	----	**1510**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**4.9**	± 20.0%	**----**	----	**1.6**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**4.8**	± 20.0%	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**5080**	± 20.0%	**----**	----	**776**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**129**	± 20.0%	**----**	----	**72.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**15.9**	± 20.0%	**----**	----	**2.5**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**161**	± 20.0%	**----**	----	**106**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**642**	± 20.0%	**----**	----	**203**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**266**	± 20.0%	**----**	----	**307**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**202**	± 20.0%	**----**	----	**178**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**360**	± 20.0%	**----**	----	**150**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**201**	± 20.0%	**----**	----	**62**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**276**	± 20.0%	**----**	----	**66.0**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**21.7**	± 20.0%	**----**	----	**7.00**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**20.6**	± 20.0%	**----**	----	**4.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.9-3m		K10.10-0.5m		K10.10-3m	
				Laboratory sample ID	PR2027598-022		PR2027598-023		PR2027598-024	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**82.9**	± 6.0%	**91.6**	± 6.0%	**82.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1190**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.37**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**12.3**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.026**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.5**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**45800**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**4.21**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.9-3m**		**K10.10-0.5m**		**K10.10-3m**	
				Laboratory sample ID	*PR2027598-022*		*PR2027598-023*		*PR2027598-024*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.73**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.7**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1590**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.7**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**639**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**61.3**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**95.4**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**245**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**283**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**163**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**167**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**60**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**66.5**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**6.81**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**20.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**18**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.6-0.5m**		**K10.6-3m**		**K10.27-0.5m**	
				Laboratory sample ID	*PR2027598-025*		*PR2027598-026*		*PR2027598-027*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**88.7**	± 6.0%	**84.0**	± 6.0%	**89.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1060**	± 20.0%	**----**	----	**1880**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**5.37**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**10.0**	± 20.0%	**----**	----	**22.9**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.025**	± 20.0%	**----**	----	**0.036**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**1.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**39500**	± 20.0%	**----**	----	**142000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.29**	± 20.0%	**----**	----	**5.48**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.67**	± 20.0%	**----**	----	**1.08**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1260**	± 20.0%	**----**	----	**2340**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**2.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**2.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**556**	± 20.0%	**----**	----	**3090**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**41.3**	± 20.0%	**----**	----	**79.8**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**3.0**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	**K10.6-0.5m**		**K10.6-3m**		**K10.27-0.5m**	
				Laboratory sample ID	*PR2027598-025*		*PR2027598-026*		*PR2027598-027*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**94.8**	± 20.0%	**----**	----	**90.0**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**149**	± 20.0%	**----**	----	**272**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**322**	± 20.0%	**----**	----	**237**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**219**	± 20.0%	**----**	----	**158**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**149**	± 20.0%	**----**	----	**513**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**81**	± 20.0%	**----**	----	**133**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**70.6**	± 20.0%	**----**	----	**109**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**3.03**	± 20.0%	**----**	----	**8.84**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**5.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.27-3m**		**K10.11-0.5m**		**K10.11-3m**	
				Laboratory sample ID	*PR2027598-028*		*PR2027598-029*		*PR2027598-030*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**83.5**	± 6.0%	**91.7**	± 6.0%	**83.5**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1370**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**0.72**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**14.1**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.032**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**46100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**4.22**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.82**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.7**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1760**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**11.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1050**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**68.2**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**100**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**221**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**260**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**159**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**160**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**64**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.27-3m**		**K10.11-0.5m**		**K10.11-3m**	
				Laboratory sample ID	*PR2027598-028*		*PR2027598-029*		*PR2027598-030*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**70.1**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**13.4**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**13.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.22-1m**		**K10.22-4m**		**K10.22-4.5m**	
				Laboratory sample ID	*PR2027598-031*		*PR2027598-032*		*PR2027598-033*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	<1	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**88.6**	± 6.0%	**83.2**	± 6.0%	**82.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**917**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.38**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**10.6**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.026**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**73200**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.29**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.41**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1200**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**748**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**39.0**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**115**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**166**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**274**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**262**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**301**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**192**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**50.9**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**2.69**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									

Sub-Matrix: **SOIL**				Client sample ID	**K10.22-1m**		**K10.22-4m**		**K10.22-4.5m**	
				Laboratory sample ID	*PR2027598-031*		*PR2027598-032*		*PR2027598-033*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**99**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**2140**	± 30.0%	**113**	± 30.0%	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Non-Halogenated Volatile Organic Compounds										
Styrene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-1m		K10.22-4m		K10.22-4.5m	
				Laboratory sample ID	PR2027598-031		PR2027598-032		PR2027598-033	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued										
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW		<0.80	----	<0.80	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW		<1.50	----	<1.50	----	**----**	----
Aromatic Compounds										
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.075	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.030	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Chlorinated Hydrocarbons										
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Nitrosoamines										
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Anilines										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.300	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.100	----	**----**	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----

Sub-Matrix: SOIL				Client sample ID	K10.22-1m		K10.22-4m		K10.22-4.5m	
				Laboratory sample ID	PR2027598-031		PR2027598-032		PR2027598-033	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued										
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.005	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	<0.075	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.075	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.100	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Alcohols / Esters										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----

Sub-Matrix: SOIL				Client sample ID	K10.26-0.5m		K10.26-3m		K10.25-0.5m	
				Laboratory sample ID	PR2027598-034		PR2027598-035		PR2027598-036	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**89.8**	± 6.0%	**73.8**	± 6.0%	**91.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**4420**	± 20.0%	**----**	----	**1600**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**1.42**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**22.3**	± 20.0%	**----**	----	**11.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.101**	± 20.0%	**----**	----	**0.046**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.7**	± 20.0%	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**122000**	± 20.0%	**----**	----	**47400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**6.46**	± 20.0%	**----**	----	**4.26**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**2.02**	± 20.0%	**----**	----	**1.02**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**4.3**	± 20.0%	**----**	----	**1.3**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**4480**	± 20.0%	**----**	----	**1910**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**4.4**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**5.1**	± 20.0%	**----**	----	**1.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**34400**	± 20.0%	**----**	----	**701**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**86.6**	± 20.0%	**----**	----	**73.5**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**7.2**	± 20.0%	**----**	----	**1.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**90.7**	± 20.0%	**----**	----	**117**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K10.26-0.5m		K10.26-3m		K10.25-0.5m	
				Laboratory sample ID	PR2027598-034		PR2027598-035		PR2027598-036	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Potassium	S-METAXHB2	5.0	mg/kg DW		**569**	± 20.0%	**----**	----	**270**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**236**	± 20.0%	**----**	----	**295**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**202**	± 20.0%	**----**	----	**138**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**128**	± 20.0%	**----**	----	**173**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**242**	± 20.0%	**----**	----	**60**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**139**	± 20.0%	**----**	----	**65.3**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**15.8**	± 20.0%	**----**	----	**6.18**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**15.5**	± 20.0%	**----**	----	**3.5**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**23**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**16**	± 30.0%	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.25-3m		K10.21-0.5m		K10.21-2m	
				Laboratory sample ID	PR2027598-037		PR2027598-038		PR2027598-039	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**84.3**	± 6.0%	**93.1**	± 6.0%	**86.1**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1550**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.52**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**15.7**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.037**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.2**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**63000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**4.69**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.89**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.8**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**2000**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**12.3**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.4**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1400**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**58.1**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**11.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**116**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**268**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**279**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**166**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**248**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**122**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.25-3m**		**K10.21-0.5m**		**K10.21-2m**	
				Laboratory sample ID	*PR2027598-037*		*PR2027598-038*		*PR2027598-039*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**		**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----		**88.4**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----		**15.0**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----		**19.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----		<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----		**93**	± 30.0%	**1360**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----		**44**	± 30.0%	**9650**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	**K10.21-3m**		**K10.20-0.5m**		**K10.20-3m**	
				Laboratory sample ID	*PR2027598-040*		*PR2027598-041*		*PR2027598-042*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**		**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**78.5**	± 6.0%		**95.1**	± 6.0%	**85.4**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----		**1100**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----		<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----		<0.50	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----		**9.30**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----		**0.040**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----		<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----		<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----		<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----		**24300**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----		**3.12**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----		**0.73**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----		<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----		**1280**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----		<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----		**1.3**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----		**409**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----		**56.8**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----		<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----		<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----		**1.3**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----		**79.0**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----		**173**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----		<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----		**322**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----		<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----		**113**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----		**87.6**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----		**59**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----		<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----		<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----		<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----		**47.4**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----		**4.22**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----		**3.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----		<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----		<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**56**	± 30.0%		<12	----	<12	----

Sub-Matrix: **SOIL**	Client sample ID	**K10.29-0.5m**	**K10.29-3m**	**K10.17-0.5m**

Sub-Matrix: **SOIL**				Client sample ID	K10.29-0.5m		K10.29-3m		K10.17-0.5m	
				Laboratory sample ID	PR2027598-043		PR2027598-044		PR2027598-045	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.2**	± 6.0%	**86.9**	± 6.0%	**95.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**920**	± 20.0%	**----**	----	**1830**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Barium	S-METAXHB1	0.20	mg/kg DW	**8.50**	± 20.0%	**----**	----	**11.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.031**	± 20.0%	**----**	----	**0.059**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**37800**	± 20.0%	**----**	----	**23600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**2.96**	± 20.0%	**----**	----	**4.51**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.65**	± 20.0%	**----**	----	**1.00**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1190**	± 20.0%	**----**	----	**1960**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**1.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**502**	± 20.0%	**----**	----	**590**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**52.7**	± 20.0%	**----**	----	**73.1**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**2.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**101**	± 20.0%	**----**	----	**127**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**137**	± 20.0%	**----**	----	**264**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**257**	± 20.0%	**----**	----	**273**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**130**	± 20.0%	**----**	----	**119**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**139**	± 20.0%	**----**	----	**89.0**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**40**	± 20.0%	**----**	----	**44**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**49.8**	± 20.0%	**----**	----	**88.6**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**7.11**	± 20.0%	**----**	----	**15.6**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**4.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.17-3m		K10.28-0.5m		K10.28-3m	
				Laboratory sample ID	PR2027598-046		PR2027598-047		PR2027598-048	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**84.8**	± 6.0%	**86.4**	± 6.0%	**83.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2580**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**0.96**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**15.8**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.080**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.17-3m		K10.28-0.5m		K10.28-3m	
				Laboratory sample ID	PR2027598-046		PR2027598-047		PR2027598-048	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Calcium	S-METAXHB2	50	mg/kg DW	----	----	**32500**	± 20.0%	----	----
Chromium	S-METAXHB1	0.50	mg/kg DW	----	----	**5.22**	± 20.0%	----	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	----	----	**1.30**	± 20.0%	----	----
Copper	S-METAXHB1	1.0	mg/kg DW	----	----	**1.3**	± 20.0%	----	----
Iron	S-METAXHB1	10	mg/kg DW	----	----	**2550**	± 20.0%	----	----
Lead	S-METAXHB1	1.0	mg/kg DW	----	----	<1.0	----	----	----
Lithium	S-METAXHB1	1.0	mg/kg DW	----	----	**2.1**	± 20.0%	----	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	----	----	**806**	± 20.0%	----	----
Manganese	S-METAXHB1	0.50	mg/kg DW	----	----	**89.4**	± 20.0%	----	----
Mercury	S-METAXHB1	0.20	mg/kg DW	----	----	<0.20	----	----	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	----	----	<0.40	----	----	----
Nickel	S-METAXHB1	1.0	mg/kg DW	----	----	**2.3**	± 20.0%	----	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	----	----	**138**	± 20.0%	----	----
Potassium	S-METAXHB2	5.0	mg/kg DW	----	----	**366**	± 20.0%	----	----
Selenium	S-METAXHB2	2.0	mg/kg DW	----	----	<2.0	----	----	----
Silicon	S-METAXHB2	50	mg/kg DW	----	----	**246**	± 20.0%	----	----
Silver	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Sodium	S-METAXHB2	15	mg/kg DW	----	----	**135**	± 20.0%	----	----
Strontium	S-METAXHB1	0.10	mg/kg DW	----	----	**148**	± 20.0%	----	----
Sulphur	S-METAXHB2	30	mg/kg DW	----	----	**53**	± 20.0%	----	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	----	----	<1.0	----	----	----
Thallium	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Tin	S-METAXHB1	1.0	mg/kg DW	----	----	<1.0	----	----	----
Titanium	S-METAXHB2	0.20	mg/kg DW	----	----	**113**	± 20.0%	----	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	----	----	**4.95**	± 20.0%	----	----
Zinc	S-METAXHB1	3.0	mg/kg DW	----	----	**5.4**	± 20.0%	----	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	----	----	<5.0	----	----	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.30-0.5m		K10.30-3m		K10.31-0.5m	
				Laboratory sample ID	PR2027598-049		PR2027598-050		PR2027598-051	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.6**	± 6.0%	**65.7**	± 6.0%	**95.5**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**980**	± 20.0%	----	----	**1300**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	----	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	<0.50	----	----	----	<0.50	----
Barium	S-METAXHB1	0.20	mg/kg DW	**8.91**	± 20.0%	----	----	**11.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.029**	± 20.0%	----	----	**0.036**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	----	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**39400**	± 20.0%	----	----	**48800**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.10**	± 20.0%	----	----	**3.72**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.73**	± 20.0%	----	----	**0.86**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1240**	± 20.0%	----	----	**1520**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	----	----	**1.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	----	----	**1.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**523**	± 20.0%	----	----	**644**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**51.8**	± 20.0%	----	----	**66.6**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	----	----	<0.20	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.30-0.5m**		**K10.30-3m**		**K10.31-0.5m**	
				Laboratory sample ID	*PR2027598-049*		*PR2027598-050*		*PR2027598-051*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.2**	± 20.0%	**----**	----	**2.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**96.5**	± 20.0%	**----**	----	**108**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**143**	± 20.0%	**----**	----	**176**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**236**	± 20.0%	**----**	----	**265**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**159**	± 20.0%	**----**	----	**141**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**135**	± 20.0%	**----**	----	**178**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**50**	± 20.0%	**----**	----	**52**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**43.5**	± 20.0%	**----**	----	**69.8**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**2.80**	± 20.0%	**----**	----	**11.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	**4.0**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.31-3m**		**K10.12-0.5m**		**K10.12-1m**	
				Laboratory sample ID	*PR2027598-052*		*PR2027598-053*		*PR2027598-054*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**85.2**	± 6.0%	**88.4**	± 6.0%	**86.3**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1090**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**0.56**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**14.6**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.035**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**52100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.28**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.84**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1340**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.3**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**669**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**78.4**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.5**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**124**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**155**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**262**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**242**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**193**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**71**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.31-3m**		**K10.12-0.5m**		**K10.12-1m**	
				Laboratory sample ID	PR2027598-052		PR2027598-053		PR2027598-054	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**60.8**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**5.02**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**7.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**----**	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**----**	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.12-3m**		**K10.13-0.5m**		**K10.13-3m**	
				Laboratory sample ID	PR2027598-055		PR2027598-056		PR2027598-057	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**83.5**	± 6.0%	**90.3**	± 6.0%	**85.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2650**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.18**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**17.9**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.066**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.5**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**75200**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.83**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.36**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.1**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**3500**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.4**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1520**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**89.8**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**4.5**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**119**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**316**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**226**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**203**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**270**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**96**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**142**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**11.0**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**12.0**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**16**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.15-0.5m		K10.15-3m		K10.16-0.5m	
				Laboratory sample ID	PR2027598-058		PR2027598-059		PR2027598-060	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**85.9**	± 6.0%	**84.2**	± 6.0%	**84.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**4450**	± 20.0%	**----**	----	**1030**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.86**	± 20.0%	**----**	----	<0.50	----
Barium	S-METAXHB1	0.20	mg/kg DW	**25.2**	± 20.0%	**----**	----	**9.34**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.105**	± 20.0%	**----**	----	**0.040**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.7**	± 20.0%	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**101000**	± 20.0%	**----**	----	**46100**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.88**	± 20.0%	**----**	----	**3.14**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.93**	± 20.0%	**----**	----	**0.96**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**3.1**	± 20.0%	**----**	----	**1.1**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4960**	± 20.0%	**----**	----	**1160**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**2.8**	± 20.0%	**----**	----	**74.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**4.0**	± 20.0%	**----**	----	**1.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**2850**	± 20.0%	**----**	----	**479**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**134**	± 20.0%	**----**	----	**40.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**5.2**	± 20.0%	**----**	----	**1.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**142**	± 20.0%	**----**	----	**98.0**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**444**	± 20.0%	**----**	----	**156**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**236**	± 20.0%	**----**	----	**279**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**137**	± 20.0%	**----**	----	**178**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**255**	± 20.0%	**----**	----	**166**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**147**	± 20.0%	**----**	----	**93**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**212**	± 20.0%	**----**	----	**46.6**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**13.4**	± 20.0%	**----**	----	**2.92**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**14.8**	± 20.0%	**----**	----	**10.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**13**	± 30.0%	**128**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**32**	± 30.0%	<12	----	**24**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K10.16-3m		K10.23-0.5m		K10.23-3m	
				Laboratory sample ID	PR2027598-061		PR2027598-062		PR2027598-063	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**81.6**	± 6.0%	**88.6**	± 6.0%	**88.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1390**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**0.87**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**13.9**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.048**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.5**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**60800**	± 20.0%	**----**	----

Sub-Matrix: SOIL				Client sample ID	K10.16-3m		K10.23-0.5m		K10.23-3m	
				Laboratory sample ID	PR2027598-061		PR2027598-062		PR2027598-063	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		16-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Chromium	S-METAXHB1	0.50	mg/kg DW	----	----	**3.72**	± 20.0%	----	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	----	----	**0.92**	± 20.0%	----	----
Copper	S-METAXHB1	1.0	mg/kg DW	----	----	**1.5**	± 20.0%	----	----
Iron	S-METAXHB1	10	mg/kg DW	----	----	**1830**	± 20.0%	----	----
Lead	S-METAXHB1	1.0	mg/kg DW	----	----	**2.4**	± 20.0%	----	----
Lithium	S-METAXHB1	1.0	mg/kg DW	----	----	**1.7**	± 20.0%	----	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	----	----	**2310**	± 20.0%	----	----
Manganese	S-METAXHB1	0.50	mg/kg DW	----	----	**71.2**	± 20.0%	----	----
Mercury	S-METAXHB1	0.20	mg/kg DW	----	----	<0.20	----	----	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	----	----	<0.40	----	----	----
Nickel	S-METAXHB1	1.0	mg/kg DW	----	----	**2.7**	± 20.0%	----	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	----	----	**121**	± 20.0%	----	----
Potassium	S-METAXHB2	5.0	mg/kg DW	----	----	**205**	± 20.0%	----	----
Selenium	S-METAXHB2	2.0	mg/kg DW	----	----	<2.0	----	----	----
Silicon	S-METAXHB2	50	mg/kg DW	----	----	**256**	± 20.0%	----	----
Silver	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Sodium	S-METAXHB2	15	mg/kg DW	----	----	**206**	± 20.0%	----	----
Strontium	S-METAXHB1	0.10	mg/kg DW	----	----	**228**	± 20.0%	----	----
Sulphur	S-METAXHB2	30	mg/kg DW	----	----	**92**	± 20.0%	----	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	----	----	<1.0	----	----	----
Thallium	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Tin	S-METAXHB1	1.0	mg/kg DW	----	----	<1.0	----	----	----
Titanium	S-METAXHB2	0.20	mg/kg DW	----	----	**57.6**	± 20.0%	----	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	----	----	**5.73**	± 20.0%	----	----
Zinc	S-METAXHB1	3.0	mg/kg DW	----	----	**7.8**	± 20.0%	----	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	----	----	<5.0	----	----	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**354**	± 30.0%	**43**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**101**	± 30.0%	**14**	± 30.0%	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.24-0.5m		K10.24-3m		K13.12-0.5m-DUP	
				Laboratory sample ID	PR2027598-064		PR2027598-065		PR2027598-066	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		17-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**87.4**	± 6.0%	**84.1**	± 6.0%	**96.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1110**	± 20.0%	----	----	----	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	----	----	----	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	<0.50	----	----	----	----	----
Barium	S-METAXHB1	0.20	mg/kg DW	**9.63**	± 20.0%	----	----	----	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.041**	± 20.0%	----	----	----	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	----	----	----	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	----	----	----	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	----	----	----	----
Calcium	S-METAXHB2	50	mg/kg DW	**37800**	± 20.0%	----	----	----	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.17**	± 20.0%	----	----	----	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.67**	± 20.0%	----	----	----	----
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	----	----	----	----
Iron	S-METAXHB1	10	mg/kg DW	**1320**	± 20.0%	----	----	----	----
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	----	----	----	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.4**	± 20.0%	----	----	----	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**472**	± 20.0%	----	----	----	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**44.9**	± 20.0%	----	----	----	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	----	----	----	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.24-0.5m**		**K10.24-3m**		**K13.12-0.5m-DUP**	
				Laboratory sample ID	*PR2027598-064*		*PR2027598-065*		*PR2027598-066*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		17-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.2**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**84.7**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**156**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**266**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**106**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**161**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**47**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**51.9**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**3.00**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.20-0.5m-DUP**		**K10.15-3m-DUP**		**K15.11-0.5m**	
				Laboratory sample ID	*PR2027598-067*		*PR2027598-068*		*PR2027598-069*	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.2**	± 6.0%	**83.6**	± 6.0%	**96.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1020**	± 20.0%	**----**	----	**2610**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Barium	S-METAXHB1	0.20	mg/kg DW		**9.14**	± 20.0%	**----**	----	**12.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.040**	± 20.0%	**----**	----	**0.056**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**24700**	± 20.0%	**----**	----	**2330**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.08**	± 20.0%	**----**	----	**5.01**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.77**	± 20.0%	**----**	----	**1.71**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**1250**	± 20.0%	**----**	----	**2710**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.3**	± 20.0%	**----**	----	**1.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**398**	± 20.0%	**----**	----	**504**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**53.5**	± 20.0%	**----**	----	**76.6**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.3**	± 20.0%	**----**	----	**3.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**84.8**	± 20.0%	**----**	----	**63.2**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**163**	± 20.0%	**----**	----	**178**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**307**	± 20.0%	**----**	----	**342**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**109**	± 20.0%	**----**	----	**44**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**87.0**	± 20.0%	**----**	----	**13.9**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**64**	± 20.0%	**----**	----	<30	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----

Sub-Matrix: SOIL				Client sample ID	K10.20-0.5m-DUP		K10.15-3m-DUP		K15.11-0.5m	
				Laboratory sample ID	PR2027598-067		PR2027598-068		PR2027598-069	
				Client sampling date / time	16-Mar-2020		16-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**49.0**	± 20.0%	**----**	----	**181**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**4.27**	± 20.0%	**----**	----	**5.27**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**3.3**	± 20.0%	**----**	----	**4.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**15**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**13**	± 30.0%	<12	----

Sub-Matrix: SOIL				Client sample ID	K15.12-2m		K15.12-4m		K15.12-6m	
				Laboratory sample ID	PR2027598-070		PR2027598-071		PR2027598-072	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		05-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.4**	± 6.0%	**95.9**	± 6.0%	**96.7**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: WATER				Client sample ID	FB		----		----	
				Laboratory sample ID	PR2027598-073		----		----	
				Client sampling date / time	05-Mar-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations									
Aluminium	W-METAXFX1	0.010	mg/L	**0.022**	± 10.0%	**----**	----	**----**	----
Antimony	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Arsenic	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Barium	W-METAXFX1	0.00050	mg/L	**0.0164**	± 10.0%	**----**	----	**----**	----
Beryllium	W-METAXFX1	0.00020	mg/L	<0.00020	----	**----**	----	**----**	----
Bismuth	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Boron	W-METAXFX1	0.010	mg/L	**0.238**	± 10.0%	**----**	----	**----**	----
Cadmium	W-METAXFX1	0.00040	mg/L	<0.00040	----	**----**	----	**----**	----
Calcium	W-METAXFX1	0.0050	mg/L	**35.2**	± 10.0%	**----**	----	**----**	----
Chromium	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Cobalt	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Copper	W-METAXFX1	0.0010	mg/L	**0.0013**	± 10.0%	**----**	----	**----**	----
Iron	W-METAXFX1	0.0020	mg/L	**0.0268**	± 10.0%	**----**	----	**----**	----
Lead	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Lithium	W-METAXFX1	0.0010	mg/L	**0.0023**	± 10.0%	**----**	----	**----**	----
Magnesium	W-METAXFX1	0.0030	mg/L	**2.96**	± 10.0%	**----**	----	**----**	----
Manganese	W-METAXFX1	0.00050	mg/L	<0.00050	----	**----**	----	**----**	----
Mercury	W-HG-AFSFXL	0.0020	µg/L	**0.0029**	± 10.0%	**----**	----	**----**	----
Molybdenum	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Nickel	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Phosphorus	W-METAXFX1	0.050	mg/L	<0.050	----	**----**	----	**----**	----
Potassium	W-METAXFX1	0.015	mg/L	**2.60**	± 10.0%	**----**	----	**----**	----
Selenium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Silicon	W-METAXFX2	0.010	mg/L	**0.911**	± 10.0%	**----**	----	**----**	----
Silver	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Sodium	W-METAXFX1	0.030	mg/L	**74.6**	± 10.0%	**----**	----	**----**	----
Strontium	W-METAXFX2	0.0010	mg/L	**0.0715**	± 10.0%	**----**	----	**----**	----
Sulphur	W-METAXFX2	0.060	mg/L	**1.19**	± 10.0%	**----**	----	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----

Sub-Matrix: **WATER**

				Client sample ID	FB		----		----	
				Laboratory sample ID	PR2027598-073		----		----	
				Client sampling date / time	05-Mar-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations - Continued									
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	----	----	----	----
Titanium	W-METAXFX2	0.0010	mg/L	<0.0010	----	----	----	----	----
Vanadium	W-METAXFX1	0.0010	mg/L	<0.0010	----	----	----	----	----
Zinc	W-METAXFX1	0.0020	mg/L	**0.0913**	± 10.0%	----	----	----	----
Zirconium	W-METAXFX2	0.0010	mg/L	<0.0010	----	----	----	----	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L	<30	----	----	----	----	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L	<35	----	----	----	----	----
BTEX									
Benzene	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
Toluene	W-VOCGMS01	0.50	µg/L	<0.50	----	----	----	----	----
Ethylbenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
meta- & para-Xylene	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
ortho-Xylene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Sum of BTEX	W-VOCGMS01	1.10	µg/L	<1.10	----	----	----	----	----
Sum of xylenes	W-VOCGMS01	0.30	µg/L	<0.30	----	----	----	----	----
Sum of TEX	W-VOCGMS01	0.90	µg/L	<0.90	----	----	----	----	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.1.1-Trichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.1.2.2-Tetrachloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
1.1.2-Trichloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
1.1-Dichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.1-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.1-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
1.2.3-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.2.3-Trichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
1.2.4-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.2-Dibromo-3-chloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
1.2-Dibromoethane (EDB)	W-VOCGMS01	0.50	µg/L	<0.50	----	----	----	----	----
1.2-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.2-Dichloroethane	W-VOCGMS01	0.50	µg/L	<0.50	----	----	----	----	----
1.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
1.3.5-Trichlorobenzene	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
1.3-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
1.3-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
1.4-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
2.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
2-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
4-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Bromobenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Bromochloromethane	W-VOCGMS01	2.0	µg/L	<2.0	----	----	----	----	----
Bromodichloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Bromoform	W-VOCGMS01	0.20	µg/L	**11.3**	± 40.0%	----	----	----	----
Bromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Chlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Chloroethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Chloroform	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Chloromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
cis-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
cis-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Dibromochloromethane	W-VOCGMS01	0.10	µg/L	**0.23**	± 40.0%	----	----	----	----
Dibromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Dichlorodifluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Dichloromethane	W-VOCGMS01	6.0	µg/L	<6.0	----	----	----	----	----
Hexachlorobutadiene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Sum of 3 Dichlorobenzenes	W-VOCGMS01	0.30	µg/L	<0.30	----	----	----	----	----
Sum of 3 Trichlorobenzenes	W-VOCGMS01	0.40	µg/L	<0.40	----	----	----	----	----

Sub-Matrix: **WATER**				Client sample ID	FB		----		----	
				Laboratory sample ID	PR2027598-073		----		----	
				Client sampling date / time	05-Mar-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Sum of 4 Trihalomethanes	W-VOCGMS01	0.50	µg/L	**11.5**	----	**----**	----	**----**	----
Sum of 5 Chlorinated Ethenes	W-VOCGMS01	0.60	µg/L	<0.60	----	**----**	----	**----**	----
Tetrachloroethene	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
Tetrachloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
trans-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
Trichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
Trichlorofluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
Vinyl chloride	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
Sum of 1.2-Dichloroethenes	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
Diisopropyl ether (DIPE)	W-VOCGMS01	0.60	µg/L	<0.60	----	**----**	----	**----**	----
Ethyl tert-Butyl Ether (ETBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
Isopropylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
n-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
n-Propylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
p-Isopropyltoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
sec-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
Styrene	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
Sum of BTEXS	W-VOCGMS01	1.3	µg/L	<1.3	----	**----**	----	**----**	----
tert-Amyl Ethyl Ether (TAEE)	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
tert-Amyl Methyl Ether (TAME)	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
tert-Butyl alcohol	W-VOCGMS01	5.0	µg/L	<5.0	----	**----**	----	**----**	----
tert-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
Indane	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
1.4-Dioxane	W-VOCGMS01	50	µg/L	<50	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.

Analytical Methods	*Method Descriptions*
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
W-VOCGMS01	CZ_SOP_D06_03_155 except chap. 10.5, 10.6 (US EPA 624, US EPA 8260, US EPA 8015, CSN EN ISO 10301, MADEP 2004, rev. 1.1, CSN ISO 11423, CSN EN ISO 15680) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2028080**	Issue Date	: 26-Mar-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
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Project	: Blanket Quote KTE-79-20	Page	: 1 of 14
Order number	: ----	Date Samples Received	: 19-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 20-Mar-2020 - 26-Mar-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K13.3-0.5m Laboratory sample ID: PR2028080-001 Client sampling date / time: 18-Mar-2020		Client sample ID: K13.3-3m Laboratory sample ID: PR2028080-002 Client sampling date / time: 18-Mar-2020		Client sample ID: K13.14-0.5m Laboratory sample ID: PR2028080-003 Client sampling date / time: 18-Mar-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.5**	± 6.0%	**96.3**	± 6.0%	**96.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1020**	± 20.0%	**----**	----	**1200**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.16**	± 20.0%	**----**	----	**1.83**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**11.8**	± 20.0%	**----**	----	**11.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.034**	± 20.0%	**----**	----	**0.041**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**50700**	± 20.0%	**----**	----	**56700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.33**	± 20.0%	**----**	----	**3.24**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.68**	± 20.0%	**----**	----	**0.77**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1390**	± 20.0%	**----**	----	**1510**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**1.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**748**	± 20.0%	**----**	----	**1140**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**63.9**	± 20.0%	**----**	----	**84.7**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**2.9**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**102**	± 20.0%	**----**	----	**104**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**156**	± 20.0%	**----**	----	**178**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**296**	± 20.0%	**----**	----	**307**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**152**	± 20.0%	**----**	----	**150**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**233**	± 20.0%	**----**	----	**229**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**69**	± 20.0%	**----**	----	**72**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**50.0**	± 20.0%	**----**	----	**62.2**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**2.86**	± 20.0%	**----**	----	**6.37**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**3.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K13.14-3m Laboratory sample ID: PR2028080-004 Client sampling date / time: 18-Mar-2020		Client sample ID: K13.6-0.5m Laboratory sample ID: PR2028080-005 Client sampling date / time: 18-Mar-2020		Client sample ID: K13.6-3m Laboratory sample ID: PR2028080-006 Client sampling date / time: 18-Mar-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.8**	± 6.0%	**96.3**	± 6.0%	**95.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**808**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.22**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**11.2**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.044**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.14-3m**		**K13.6-0.5m**		**K13.6-3m**	
				Laboratory sample ID	*PR2028080-004*		*PR2028080-005*		*PR2028080-006*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.0**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**96500**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.44**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.50**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1450**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1100**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**73.9**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**104**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**146**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**187**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**135**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**292**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**79**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**47.5**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**3.02**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.2-0.5m**		**K13.2-3m**		**K13.2-6m**	
				Laboratory sample ID	*PR2028080-007*		*PR2028080-008*		*PR2028080-009*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.6**	± 6.0%	**94.9**	± 6.0%	**87.4**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1450**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.22**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**13.5**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.045**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.4**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**73000**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.90**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.94**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**1.4**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**1740**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.6**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1800**	± 20.0%	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K13.2-0.5m		K13.2-3m		K13.2-6m	
				Laboratory sample ID	PR2028080-007		PR2028080-008		PR2028080-009	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Manganese	S-METAXHB1	0.50	mg/kg DW		**89.5**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**11.8**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**107**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**196**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**292**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**178**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**288**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**79**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**76.4**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**19.0**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**4.8**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K13.2-7.5m		K13.4-1m		K13.4-3m	
				Laboratory sample ID	PR2028080-010		PR2028080-011		PR2028080-012	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**85.3**	± 6.0%	**96.0**	± 6.0%	**66.9**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1330**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.79**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**12.7**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.040**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.3**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**58000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.75**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.87**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1610**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.4**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1080**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**82.0**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**8.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**107**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**194**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**306**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**215**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.2-7.5m**		**K13.4-1m**		**K13.4-3m**	
				Laboratory sample ID	*PR2028080-010*		*PR2028080-011*		*PR2028080-012*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**239**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**76**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**80.0**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**15.2**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**4.6**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.17-0.5m**		**K13.17-3m**		**K13.1-0.5m**	
				Laboratory sample ID	*PR2028080-013*		*PR2028080-014*		*PR2028080-015*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.1**	± 6.0%	**96.7**	± 6.0%	**95.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**974**	± 20.0%	**----**	----	**1090**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.08**	± 20.0%	**----**	----	**2.93**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**11.0**	± 20.0%	**----**	----	**10.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.034**	± 20.0%	**----**	----	**0.031**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**1.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**64200**	± 20.0%	**----**	----	**73700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.20**	± 20.0%	**----**	----	**3.20**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.63**	± 20.0%	**----**	----	**0.66**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1320**	± 20.0%	**----**	----	**1310**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**1.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**828**	± 20.0%	**----**	----	**6780**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**62.1**	± 20.0%	**----**	----	**72.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**2.0**	± 20.0%	**----**	----	**1.5**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**87.1**	± 20.0%	**----**	----	**84.3**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**146**	± 20.0%	**----**	----	**195**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**307**	± 20.0%	**----**	----	**332**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**168**	± 20.0%	**----**	----	**191**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**253**	± 20.0%	**----**	----	**266**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**75**	± 20.0%	**----**	----	**96**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**50.4**	± 20.0%	**----**	----	**49.4**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**5.01**	± 20.0%	**----**	----	**4.84**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									

Sub-Matrix: **SOIL**				Client sample ID	**K13.17-0.5m**		**K13.17-3m**		**K13.1-0.5m**	
				Laboratory sample ID	*PR2028080-013*		*PR2028080-014*		*PR2028080-015*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.1-3m**		**K13.9-0.5m**		**K13.9-3m**	
				Laboratory sample ID	*PR2028080-016*		*PR2028080-017*		*PR2028080-018*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.4**	± 6.0%	**96.2**	± 6.0%	**96.3**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1140**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.15**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**11.1**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.036**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**62400**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.39**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.76**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1480**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1140**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**70.7**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**93.9**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**162**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**288**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**189**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**253**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**88**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**58.0**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**10.8**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**4.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.7-0.5m**		**K13.7-3m**		**K13.8-0.5m**	
				Laboratory sample ID	*PR2028080-019*		*PR2028080-020*		*PR2028080-021*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.7**	± 6.0%	**95.6**	± 6.0%	**96.3**	± 6.0%

Sub-Matrix: **SOIL**				Client sample ID	**K13.7-0.5m**		**K13.7-3m**		**K13.8-0.5m**	
				Laboratory sample ID	PR2028080-019		PR2028080-020		PR2028080-021	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1330**	± 20.0%	**----**	----	**839**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.35**	± 20.0%	**----**	----	**2.96**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**12.6**	± 20.0%	**----**	----	**9.63**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.041**	± 20.0%	**----**	----	**0.026**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**75700**	± 20.0%	**----**	----	**75800**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.68**	± 20.0%	**----**	----	**2.92**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.86**	± 20.0%	**----**	----	**0.60**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1580**	± 20.0%	**----**	----	**1290**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**1.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**2200**	± 20.0%	**----**	----	**994**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**105**	± 20.0%	**----**	----	**73.4**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**6.0**	± 20.0%	**----**	----	<1.0	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**110**	± 20.0%	**----**	----	**109**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**192**	± 20.0%	**----**	----	**141**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**283**	± 20.0%	**----**	----	**337**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**194**	± 20.0%	**----**	----	**122**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**308**	± 20.0%	**----**	----	**259**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**85**	± 20.0%	**----**	----	**69**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**70.7**	± 20.0%	**----**	----	**51.8**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**11.9**	± 20.0%	**----**	----	**2.70**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**4.3**	± 20.0%	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K13.8-3m**		**K13.5-0.5m**		**K13.5-3m**	
				Laboratory sample ID	PR2028080-022		PR2028080-023		PR2028080-024	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**92.6**	± 6.0%	**83.2**	± 6.0%	**96.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**19500**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.97**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**39.2**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.515**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**4.0**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**39200**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**28.4**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K13.8-3m		K13.5-0.5m		K13.5-3m	
				Laboratory sample ID	PR2028080-022		PR2028080-023		PR2028080-024	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**7.58**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**7.9**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**18600**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.5**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**16.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**3140**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**329**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**17.0**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**108**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1360**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**302**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**214**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**198**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**63**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**769**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**37.9**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**21.1**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**13.4**	± 20.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K13.18-0.5m		K13.18-3m		K9.7-0.5m	
				Laboratory sample ID	PR2028080-025		PR2028080-026		PR2028080-027	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.1**	± 6.0%	**91.1**	± 6.0%	**87.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**948**	± 20.0%	**----**	----	**2970**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.86**	± 20.0%	**----**	----	**4.67**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**12.1**	± 20.0%	**----**	----	**20.0**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.035**	± 20.0%	**----**	----	**0.065**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**2.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**86100**	± 20.0%	**----**	----	**145000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.28**	± 20.0%	**----**	----	**5.91**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.65**	± 20.0%	**----**	----	**1.14**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**2.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1490**	± 20.0%	**----**	----	**2620**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**2.5**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**3.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**998**	± 20.0%	**----**	----	**30400**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**107**	± 20.0%	**----**	----	**108**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**4.3**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	**K13.18-0.5m**		**K13.18-3m**		**K9.7-0.5m**	
				Laboratory sample ID	*PR2028080-025*		*PR2028080-026*		*PR2028080-027*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**105**	± 20.0%	**----**	----	**146**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**154**	± 20.0%	**----**	----	**417**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**340**	± 20.0%	**----**	----	**320**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**146**	± 20.0%	**----**	----	**245**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**300**	± 20.0%	**----**	----	**314**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**84**	± 20.0%	**----**	----	**206**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**55.6**	± 20.0%	**----**	----	**175**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**3.03**	± 20.0%	**----**	----	**21.6**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	**7.7**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.7-3m**		**K9.12-0.5m**		**K9.12-3m**	
				Laboratory sample ID	*PR2028080-028*		*PR2028080-029*		*PR2028080-030*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**63.2**	± 6.0%	**95.7**	± 6.0%	**58.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1430**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.53**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**12.2**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.046**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**60000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.92**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.86**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.2**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1620**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.5**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.4**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1220**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**86.8**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.4**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**119**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**201**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**348**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**219**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**258**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**80**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.7-3m**		**K9.12-0.5m**		**K9.12-3m**	
				Laboratory sample ID	*PR2028080-028*		*PR2028080-029*		*PR2028080-030*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**		**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----		<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----		**80.0**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----		**6.85**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----		**5.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----		<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----		<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----		<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.6-0.5m**		**K9.6-3m**		**K9.11-0.5m**	
				Laboratory sample ID	*PR2028080-031*		*PR2028080-032*		*PR2028080-033*	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**		**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**87.6**	± 6.0%		**59.5**	± 6.0%	**90.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2350**	± 20.0%		**----**	----	**2510**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----		**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**5.90**	± 20.0%		**----**	----	**2.17**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**26.6**	± 20.0%		**----**	----	**15.0**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.065**	± 20.0%		**----**	----	**0.061**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----		**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.6**	± 20.0%		**----**	----	**1.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----		**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**81000**	± 20.0%		**----**	----	**67400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**6.02**	± 20.0%		**----**	----	**5.51**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.20**	± 20.0%		**----**	----	**1.13**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.8**	± 20.0%		**----**	----	**2.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**2700**	± 20.0%		**----**	----	**2360**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**5.6**	± 20.0%		**----**	----	**5.5**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.1**	± 20.0%		**----**	----	**2.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**932**	± 20.0%		**----**	----	**1120**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**135**	± 20.0%		**----**	----	**91.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----		**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----		**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**2.8**	± 20.0%		**----**	----	**3.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**194**	± 20.0%		**----**	----	**164**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**291**	± 20.0%		**----**	----	**298**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----		**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**230**	± 20.0%		**----**	----	**269**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----		**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**254**	± 20.0%		**----**	----	**270**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**359**	± 20.0%		**----**	----	**254**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**94**	± 20.0%		**----**	----	**154**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----		**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----		**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----		**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**173**	± 20.0%		**----**	----	**167**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**9.29**	± 20.0%		**----**	----	**18.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**11.1**	± 20.0%		**----**	----	**10.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----		**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----		<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----		<12	----	<12	----

Sub-Matrix: **SOIL**	Client sample ID	**K9.11-3m**	**K9.8-0.5m**	**K9.8-3m**

Sub-Matrix: **SOIL**				Client sample ID	K9.11-3m		K9.8-0.5m		K9.8-3m	
				Laboratory sample ID	PR2028080-034		PR2028080-035		PR2028080-036	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**62.0**	± 6.0%	**88.0**	± 6.0%	**73.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2240**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**6.38**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**27.4**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.050**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.7**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**112000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**5.67**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.08**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.8**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**2600**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**24.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1120**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**98.1**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**6.5**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**180**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**280**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**252**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**352**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**664**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**281**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**143**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**27.9**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**155**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**34**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	**20**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K9.9-0.5m		K9.9-3m		K9.10-0.5m	
				Laboratory sample ID	PR2028080-037		PR2028080-038		PR2028080-039	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**83.1**	± 6.0%	**58.9**	± 6.0%	**90.4**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1520**	± 20.0%	**----**	----	**2860**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.56**	± 20.0%	**----**	----	**2.28**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**13.0**	± 20.0%	**----**	----	**19.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.044**	± 20.0%	**----**	----	**0.075**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----

Sub-Matrix: **SOIL**				Client sample ID	K9.9-0.5m		K9.9-3m		K9.10-0.5m	
				Laboratory sample ID	PR2028080-037		PR2028080-038		PR2028080-039	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Calcium	S-METAXHB2	50	mg/kg DW	**25600**	± 20.0%	**----**	----	**64000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.80**	± 20.0%	**----**	----	**5.66**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.88**	± 20.0%	**----**	----	**1.26**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**3.1**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1500**	± 20.0%	**----**	----	**2670**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**5.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**2.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**557**	± 20.0%	**----**	----	**2370**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**48.6**	± 20.0%	**----**	----	**101**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.8**	± 20.0%	**----**	----	**7.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**101**	± 20.0%	**----**	----	**144**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**231**	± 20.0%	**----**	----	**374**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**298**	± 20.0%	**----**	----	**260**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**120**	± 20.0%	**----**	----	**196**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**114**	± 20.0%	**----**	----	**335**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**88**	± 20.0%	**----**	----	**136**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**76.0**	± 20.0%	**----**	----	**139**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**7.22**	± 20.0%	**----**	----	**15.1**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**4.1**	± 20.0%	**----**	----	**34.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**12**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K9.10-3m		K13.3-0.5m-DUP		K13.17-0.5m-DUP	
				Laboratory sample ID	PR2028080-040		PR2028080-041		PR2028080-042	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**60.8**	± 6.0%	**96.2**	± 6.0%	**96.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1020**	± 20.0%	**954**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.26**	± 20.0%	**3.26**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**11.8**	± 20.0%	**11.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.034**	± 20.0%	**0.034**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**50000**	± 20.0%	**63600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.24**	± 20.0%	**3.22**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.75**	± 20.0%	**0.68**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1310**	± 20.0%	**1430**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**1.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**727**	± 20.0%	**857**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**65.0**	± 20.0%	**66.4**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	<0.20	----

Sub-Matrix: **SOIL**				Client sample ID	K9.10-3m		K13.3-0.5m-DUP		K13.17-0.5m-DUP	
				Laboratory sample ID	PR2028080-040		PR2028080-041		PR2028080-042	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		18-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**2.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**104**	± 20.0%	**94.9**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**156**	± 20.0%	**144**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**298**	± 20.0%	**290**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**160**	± 20.0%	**176**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**242**	± 20.0%	**276**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**64**	± 20.0%	**74**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**53.9**	± 20.0%	**46.4**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**2.74**	± 20.0%	**4.90**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	<3.0	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K13.9-3m-DUP		K9.7-3m-DUP		----	
				Laboratory sample ID	PR2028080-043		PR2028080-044		----	
				Client sampling date / time	18-Mar-2020		18-Mar-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.3**	± 6.0%	**63.0**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.

Analytical Methods	*Method Descriptions*
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	02 April 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200323-54
Your Reference:	
Location:	KTE-79-20-HAW
Report No:	548357

We received 4 samples on Monday March 23, 2020 and 4 of these samples were scheduled for analysis which was completed on Thursday April 02, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200323-54	**Client Reference:**		**Report Number:**	548357
Location:	KTE-79-20-HAW	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21942582	K9.7		3.00	18/03/2020
21942583	K13.1		3.00	18/03/2020
21942584	K13.3		0.50	18/03/2020
21942585	K13.9		0.50	18/03/2020

Maximum Sample/Coolbox Temperature (°C) : **5.6**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200323-54	**Client Reference:**		**Report Number:**	548357
Location:	KTE-79-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			21942582	21942583	21942584	21942585
Customer Sample Reference			K9.7	K13.1	K13.3	K13.9
AGS Reference						
Depth (m)			3.00	3.00	0.50	0.50
Container			120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)
Sample Type			S	S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 2			X	X
EPH by GCxGC-FID	All	NDPs: 0 Tests: 4	X	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 2			X	X
Sample description	All	NDPs: 0 Tests: 4	X	X	X	X
Silver	All	NDPs: 0 Tests: 2			X	X

CERTIFICATE OF ANALYSIS

SDG:	200323-54	**Client Reference:**		**Report Number:**	548357
Location:	KTE-79-20-HAW	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21942582	K9.7	3.00	Dark Brown	Sandy Clay	None	None
21942583	K13.1	3.00	Light Brown	Sand	None	None
21942584	K13.3	0.50	Light Brown	Sand	None	None
21942585	K13.9	0.50	Light Brown	Sand	None	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

CERTIFICATE OF ANALYSIS

SDG:	200323-54	**Client Reference:**		**Report Number:**	548357
Location:	KTE-79-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K9.7	K13.1	K13.3	K13.9		
			Depth (m)	3.00	3.00	0.50	0.50		
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)		
			Date Sampled	18/03/2020	18/03/2020	18/03/2020	18/03/2020		
			Sample Time	.	.	.	.		
			Date Received	23/03/2020	23/03/2020	23/03/2020	23/03/2020		
			SDG Ref	200323-54	200323-54	200323-54	200323-54		
			Lab Sample No.(s)	21942582	21942583	21942584	21942585		
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		33	3.6	3	3.4		
Aluminium	<11 mg/kg	TM181				2300	1100		
Antimony	<0.6 mg/kg	TM181				<0.6 #	<0.6 #		
Arsenic	<0.6 mg/kg	TM181				1.9 M	2.82 M		
Barium	<0.6 mg/kg	TM181				21.2 #	18.3 #		
Beryllium	<0.01 mg/kg	TM181				0.0614 M	0.0716 M		
Boron	<0.7 mg/kg	TM181				15.8 #	4.47 #		
Cadmium	<0.02 mg/kg	TM181				<0.02 M	<0.02 M		
Chromium	<0.9 mg/kg	TM181				7.55 M	4.19 M		
Cobalt	<0.1 mg/kg	TM181				7.46 M	4.02 M		
Copper	<1.4 mg/kg	TM181				24.5 M	1.4 M		
Iron	<1000 mg/kg	TM181				1750 #	2220 #		
Lead	<0.7 mg/kg	TM181				1.13 M	1.12 M		
Manganese	<0.13 mg/kg	TM181				84 M	92.2 M		
Mercury	<0.14 mg/kg	TM181				<0.14 M	<0.14 M		
Molybdenum	<0.1 mg/kg	TM181				0.323 #	0.108 #		
Nickel	<0.2 mg/kg	TM181				3.98 M	6.34 M		
Phosphorus	<1 mg/kg	TM181				112	107		
Selenium	<1 mg/kg	TM181				<1 #	<1 #		
Strontium	<0.4 mg/kg	TM181				304 #	319 #		
Tin	<0.24 mg/kg	TM181				0.343 #	<0.24 #		
Thallium	<0.7 mg/kg	TM181				<0.7 #	<0.7 #		
Titanium	<0.1 mg/kg	TM181				59.5	58.6		
Vanadium	<0.2 mg/kg	TM181				5.4 #	13.1 #		
Zinc	<1.9 mg/kg	TM181				16.4 M	6.16 M		
Bismuth	<1 mg/kg	TM181				2.59	2.33		
Lithium	<1 mg/kg	TM181				6.17	7.05		
Tellurium	<1 mg/kg	TM181				<1	<1		
Calcium	<21 mg/kg	TM224				60000	84000		
Sodium	<7 mg/kg	TM224				408	202		
Magnesium	<8 mg/kg	TM224				2040	1510		
Potassium	<16 mg/kg	TM224				279	214		
Silver	<10 mg/kg	TM250				<10	<10		

Validated

CERTIFICATE OF ANALYSIS

SDG:	200323-54	**Client Reference:**		**Report Number:**	548357
Location:	KTE-79-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K9.7	K13.1	K13.3	K13.9		
			Depth (m)	3.00	3.00	0.50	0.50		
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)		
			Date Sampled	18/03/2020	18/03/2020	18/03/2020	18/03/2020		
			Sample Time	.	.	.	.		
			Date Received	23/03/2020	23/03/2020	23/03/2020	23/03/2020		
			SDG Ref	200323-54	200323-54	200323-54	200323-54		
			Lab Sample No.(s)	21942582	21942583	21942584	21942585		
			AGS Reference						
EPH Surrogate % recovery**	%	TM415		99.6	102	104	107		
EPH >C10-C40	<35 mg/kg	TM415		<35 M	<35 M	<35 M	<35 M		
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35	<35	<35		
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35	<35	<35		
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35	<35	<35		
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35	<35	<35		
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35	<35	<35		
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35	<35	<35		

CERTIFICATE OF ANALYSIS

SDG:	200323-54	**Client Reference:**		**Report Number:**	548357
Location:	KTE-79-20-HAW	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200323-54	**Client Reference:**		**Report Number:**	548357
Location:	KTE-79-20-HAW	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	21942582	21942583	21942584	21942585
Customer Sample Ref.	K9.7	K13.1	K13.3	K13.9
AGS Ref.				
Depth	3.00	3.00	0.50	0.50
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)			01-Apr-2020	01-Apr-2020
EPH by GCxGC-FID	01-Apr-2020	01-Apr-2020	01-Apr-2020	01-Apr-2020
Metals in solid samples by OES			01-Apr-2020	01-Apr-2020
Sample description	25-Mar-2020	25-Mar-2020	25-Mar-2020	25-Mar-2020
Silver			02-Apr-2020	02-Apr-2020

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as “mixed hydrocarbons”. Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as “Not detected”. If no asbestos fibre types are found all will be reported as “Not detected” and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2107).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2030364**	Issue Date	: 08-Apr-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-97-20	Page	: 1 of 12
Order number	: ----	Date Samples Received	: 27-Mar-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 27-Mar-2020 - 08-Apr-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2030364/005,016,017,024,028,032,034,035 method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2030364/034, method S-TPHFID14 - results are the average of multiple (3 times) determination - non-homogeneous sample(s).

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

Parameter	*Method*	*LOR*	*Unit*	*Client sample ID*		*Client sample ID*		*Client sample ID*	
				K11.24-0.5m		**K11.24-3m**		**K11.19-0.5m**	
				PR2030364-001		*PR2030364-002*		*PR2030364-003*	
				25-Mar-2020		25-Mar-2020		25-Mar-2020	
				Result	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.6**	± 6.0%	**84.4**	± 6.0%	**93.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**926**	± 20.0%	**----**	----	**1370**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**0.76**	± 20.0%	**----**	----	**1.22**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**11.2**	± 20.0%	**----**	----	**10.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.030**	± 20.0%	**----**	----	**0.040**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.2**	± 20.0%	**----**	----	**1.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**47600**	± 20.0%	**----**	----	**23600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.23**	± 20.0%	**----**	----	**3.68**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.65**	± 20.0%	**----**	----	**0.89**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1240**	± 20.0%	**----**	----	**1640**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**1.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**653**	± 20.0%	**----**	----	**462**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**69.5**	± 20.0%	**----**	----	**93.9**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**1.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**82.3**	± 20.0%	**----**	----	**88.1**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**154**	± 20.0%	**----**	----	**225**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**330**	± 20.0%	**----**	----	**356**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**175**	± 20.0%	**----**	----	**85**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**146**	± 20.0%	**----**	----	**89.1**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**63**	± 20.0%	**----**	----	**36**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**60.1**	± 20.0%	**----**	----	**65.5**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**7.09**	± 20.0%	**----**	----	**9.98**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

Parameter	*Method*	*LOR*	*Unit*	*Client sample ID*		*Client sample ID*		*Client sample ID*	
				K11.19-3m		**K11.20-0.5m**		**K11.20-3m**	
				PR2030364-004		*PR2030364-005*		*PR2030364-006*	
				25-Mar-2020		25-Mar-2020		25-Mar-2020	
				Result	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**82.7**	± 6.0%	**96.6**	± 6.0%	**86.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1020**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.46**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**10.4**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.034**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.19-3m**		**K11.20-0.5m**		**K11.20-3m**	
				Laboratory sample ID	*PR2030364-004*		*PR2030364-005*		*PR2030364-006*	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**39300**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.44**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.70**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1500**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.2**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**552**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**54.3**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**97.3**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**193**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**351**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**164**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**127**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**82**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**58.6**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**8.02**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**10.3**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**12**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.21-0.5m**		**K11.21-3m**		**K11.14-0.5m**	
				Laboratory sample ID	*PR2030364-007*		*PR2030364-008*		*PR2030364-009*	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.3**	± 6.0%	**78.5**	± 6.0%	**96.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1060**	± 20.0%	**----**	----	**1060**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.70**	± 20.0%	**----**	----	**0.70**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**11.9**	± 20.0%	**----**	----	**10.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.039**	± 20.0%	**----**	----	**0.029**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.6**	± 20.0%	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**82700**	± 20.0%	**----**	----	**37000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.75**	± 20.0%	**----**	----	**3.33**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.69**	± 20.0%	**----**	----	**0.67**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1470**	± 20.0%	**----**	----	**1280**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**1.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1080**	± 20.0%	**----**	----	**573**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K11.21-0.5m		K11.21-3m		K11.14-0.5m	
				Laboratory sample ID	PR2030364-007		PR2030364-008		PR2030364-009	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Manganese	S-METAXHB1	0.50	mg/kg DW		**85.0**	± 20.0%	**----**	----	**65.6**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.2**	± 20.0%	**----**	----	**1.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**138**	± 20.0%	**----**	----	**85.2**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**172**	± 20.0%	**----**	----	**167**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**366**	± 20.0%	**----**	----	**376**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**337**	± 20.0%	**----**	----	**143**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**242**	± 20.0%	**----**	----	**121**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**94**	± 20.0%	**----**	----	**49**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**64.5**	± 20.0%	**----**	----	**62.9**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**8.70**	± 20.0%	**----**	----	**7.81**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K11.14-3m		K11.9-0.5m		K11.9-3m	
				Laboratory sample ID	PR2030364-010		PR2030364-011		PR2030364-012	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**85.3**	± 6.0%	**94.8**	± 6.0%	**63.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**3420**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.24**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**17.3**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.105**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.8**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**48500**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**6.71**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.44**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**3600**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.5**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1300**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**86.2**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**12.9**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**128**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**526**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**349**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**140**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.14-3m**		**K11.9-0.5m**		**K11.9-3m**	
				Laboratory sample ID	PR2030364-010		PR2030364-011		PR2030364-012	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**149**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**60**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**138**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**36.5**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**10.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.9-4.5m**		**K11.5-0.5m**		**K11.5-3m**	
				Laboratory sample ID	PR2030364-013		PR2030364-014		PR2030364-015	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**85.0**	± 6.0%	**95.8**	± 6.0%	**65.8**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1970**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.12**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**13.3**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.064**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.9**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**68100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**4.79**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.99**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.8**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**2080**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**9560**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**76.0**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**130**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**336**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**313**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**206**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**175**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**107**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**87.9**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**11.9**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**20.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										

Sub-Matrix: **SOIL**				Client sample ID	**K11.9-4.5m**		**K11.5-0.5m**		**K11.5-3m**	
				Laboratory sample ID	*PR2030364-013*		*PR2030364-014*		*PR2030364-015*	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**33**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**14**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.12-0.5m**		**K11.12-3m**		**K11.15-0.5m**	
				Laboratory sample ID	*PR2030364-016*		*PR2030364-017*		*PR2030364-018*	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**94.9**	± 6.0%	**85.9**	± 6.0%	**94.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3580**	± 20.0%	**----**	----	**1820**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.02**	± 20.0%	**----**	----	**2.13**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**17.5**	± 20.0%	**----**	----	**15.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.116**	± 20.0%	**----**	----	**0.054**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.7**	± 20.0%	**----**	----	**1.4**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**39700**	± 20.0%	**----**	----	**58300**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.50**	± 20.0%	**----**	----	**5.09**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.74**	± 20.0%	**----**	----	**1.24**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**3.8**	± 20.0%	**----**	----	**2.8**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4610**	± 20.0%	**----**	----	**2090**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**5.5**	± 20.0%	**----**	----	**4.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.0**	± 20.0%	**----**	----	**1.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1180**	± 20.0%	**----**	----	**2860**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**109**	± 20.0%	**----**	----	**93.3**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**14.4**	± 20.0%	**----**	----	**21.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**116**	± 20.0%	**----**	----	**114**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**629**	± 20.0%	**----**	----	**269**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**311**	± 20.0%	**----**	----	**281**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**128**	± 20.0%	**----**	----	**182**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**143**	± 20.0%	**----**	----	**179**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**63**	± 20.0%	**----**	----	**77**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**158**	± 20.0%	**----**	----	**95.7**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**39.7**	± 20.0%	**----**	----	**27.1**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**43.6**	± 20.0%	**----**	----	**11.3**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**45**	± 30.0%	**117**	± 30.0%	**24**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**19**	± 30.0%	**92**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.15-3m**		**K11.10-0.5m**		**K11.10-3m**	
				Laboratory sample ID	*PR2030364-019*		*PR2030364-020*		*PR2030364-021*	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**85.3**	± 6.0%	**92.5**	± 6.0%	**82.2**	± 6.0%

Sub-Matrix: **SOIL**				Client sample ID	K11.15-3m		K11.10-0.5m		K11.10-3m	
				Laboratory sample ID	PR2030364-019		PR2030364-020		PR2030364-021	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	----	----	**3050**	± 20.0%	----	----
Antimony	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	----	----	**4.09**	± 20.0%	----	----
Barium	S-METAXHB1	0.20	mg/kg DW	----	----	**21.7**	± 20.0%	----	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	----	----	**0.072**	± 20.0%	----	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	----	----	<1.0	----	----	----
Boron	S-METAXHB2	1.0	mg/kg DW	----	----	**2.6**	± 20.0%	----	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	----	----	<0.40	----	----	----
Calcium	S-METAXHB2	50	mg/kg DW	----	----	**142000**	± 20.0%	----	----
Chromium	S-METAXHB1	0.50	mg/kg DW	----	----	**7.00**	± 20.0%	----	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	----	----	**1.56**	± 20.0%	----	----
Copper	S-METAXHB1	1.0	mg/kg DW	----	----	**3.4**	± 20.0%	----	----
Iron	S-METAXHB1	10	mg/kg DW	----	----	**3990**	± 20.0%	----	----
Lead	S-METAXHB1	1.0	mg/kg DW	----	----	**6.9**	± 20.0%	----	----
Lithium	S-METAXHB1	1.0	mg/kg DW	----	----	**3.8**	± 20.0%	----	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	----	----	**16100**	± 20.0%	----	----
Manganese	S-METAXHB1	0.50	mg/kg DW	----	----	**99.4**	± 20.0%	----	----
Mercury	S-METAXHB1	0.20	mg/kg DW	----	----	<0.20	----	----	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	----	----	<0.40	----	----	----
Nickel	S-METAXHB1	1.0	mg/kg DW	----	----	**45.8**	± 20.0%	----	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	----	----	**106**	± 20.0%	----	----
Potassium	S-METAXHB2	5.0	mg/kg DW	----	----	**386**	± 20.0%	----	----
Selenium	S-METAXHB2	2.0	mg/kg DW	----	----	<2.0	----	----	----
Silicon	S-METAXHB2	50	mg/kg DW	----	----	**258**	± 20.0%	----	----
Silver	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Sodium	S-METAXHB2	15	mg/kg DW	----	----	**187**	± 20.0%	----	----
Strontium	S-METAXHB1	0.10	mg/kg DW	----	----	**293**	± 20.0%	----	----
Sulphur	S-METAXHB2	30	mg/kg DW	----	----	**189**	± 20.0%	----	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	----	----	<1.0	----	----	----
Thallium	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Tin	S-METAXHB1	1.0	mg/kg DW	----	----	<1.0	----	----	----
Titanium	S-METAXHB2	0.20	mg/kg DW	----	----	**201**	± 20.0%	----	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	----	----	**63.6**	± 20.0%	----	----
Zinc	S-METAXHB1	3.0	mg/kg DW	----	----	**10.1**	± 20.0%	----	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	----	----	<5.0	----	----	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**12**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K11.13-0.5m		K11.13-3m		K11.23-0.5m	
				Laboratory sample ID	PR2030364-022		PR2030364-023		PR2030364-024	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**94.0**	± 6.0%	**85.1**	± 6.0%	**94.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**4540**	± 20.0%	----	----	**2450**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	----	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.79**	± 20.0%	----	----	**2.96**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**18.0**	± 20.0%	----	----	**16.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.146**	± 20.0%	----	----	**0.059**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.0**	± 20.0%	----	----	**1.7**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	----	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**29000**	± 20.0%	----	----	**93100**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**8.24**	± 20.0%	----	----	**5.57**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K11.13-0.5m		K11.13-3m		K11.23-0.5m	
				Laboratory sample ID	PR2030364-022		PR2030364-023		PR2030364-024	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.84**	± 20.0%	**----**	----	**1.26**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**2.8**	± 20.0%	**----**	----	**2.7**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4710**	± 20.0%	**----**	----	**2480**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.9**	± 20.0%	**----**	----	**3.9**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.7**	± 20.0%	**----**	----	**2.5**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1160**	± 20.0%	**----**	----	**6550**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**102**	± 20.0%	**----**	----	**97.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**4.2**	± 20.0%	**----**	----	**18.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**108**	± 20.0%	**----**	----	**119**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**784**	± 20.0%	**----**	----	**392**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**250**	± 20.0%	**----**	----	**224**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**106**	± 20.0%	**----**	----	**157**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**106**	± 20.0%	**----**	----	**207**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**43**	± 20.0%	**----**	----	**151**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**185**	± 20.0%	**----**	----	**130**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**7.86**	± 20.0%	**----**	----	**25.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**11.4**	± 20.0%	**----**	----	**11.4**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**63**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**13**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K11.23-3m		K11.22-0.5m		K11.22-3m	
				Laboratory sample ID	PR2030364-025		PR2030364-026		PR2030364-027	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**85.8**	± 6.0%	**96.7**	± 6.0%	**84.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1060**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**0.88**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**10.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.036**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**41200**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.29**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.73**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1350**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**596**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**70.7**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.23-3m**		**K11.22-0.5m**		**K11.22-3m**	
				Laboratory sample ID	*PR2030364-025*		*PR2030364-026*		*PR2030364-027*	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**87.1**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**164**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**373**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**152**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**132**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**48**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**64.1**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**8.33**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**4.9**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**15**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.11-0.5m**		**K11.11-3m**		**K11.16-0.5m**	
				Laboratory sample ID	*PR2030364-028*		*PR2030364-029*		*PR2030364-030*	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**90.8**	± 6.0%	**82.4**	± 6.0%	**94.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**3100**	± 20.0%	**----**	----	**3610**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**3.44**	± 20.0%	**----**	----	**2.14**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**32.1**	± 20.0%	**----**	----	**19.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.079**	± 20.0%	**----**	----	**0.126**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**2.6**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**98200**	± 20.0%	**----**	----	**56000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**6.45**	± 20.0%	**----**	----	**7.45**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.34**	± 20.0%	**----**	----	**1.83**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**3.2**	± 20.0%	**----**	----	**5.3**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**3740**	± 20.0%	**----**	----	**4090**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**16.6**	± 20.0%	**----**	----	**6.9**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**2.8**	± 20.0%	**----**	----	**3.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**2420**	± 20.0%	**----**	----	**1810**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**97.7**	± 20.0%	**----**	----	**125**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**5.6**	± 20.0%	**----**	----	**6.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**142**	± 20.0%	**----**	----	**100**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**448**	± 20.0%	**----**	----	**578**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**252**	± 20.0%	**----**	----	**245**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**292**	± 20.0%	**----**	----	**205**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**320**	± 20.0%	**----**	----	**291**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**186**	± 20.0%	**----**	----	**138**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----

Sub-Matrix: **SOIL**				Client sample ID	K11.11-0.5m		K11.11-3m		K11.16-0.5m	
				Laboratory sample ID	PR2030364-028		PR2030364-029		PR2030364-030	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.1**	± 20.0%
Titanium	S-METAXHB2	0.20	mg/kg DW	**163**	± 20.0%	**----**	----	**143**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**13.7**	± 20.0%	**----**	----	**12.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**15.4**	± 20.0%	**----**	----	**48.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**16**	± 30.0%	<10	----	**17**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**59**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K11.16-4m		K11.17-0.5m		K11.17-3m	
				Laboratory sample ID	PR2030364-031		PR2030364-032		PR2030364-033	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**94.0**	± 6.0%	**91.5**	± 6.0%	**85.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**4400**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.87**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**33.8**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.117**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**5.6**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**145000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**9.87**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.76**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**6.7**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**4930**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**8.8**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.5**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**17700**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**92.9**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**0.47**	± 20.0%	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**10.3**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**234**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**639**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**225**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**316**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**226**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**2930**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**238**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**20.4**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**128**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**8.5**	± 20.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**516**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**114**	± 30.0%	<12	----

Sub-Matrix: **SOIL**	Client sample ID	K11.18-0.5m	K11.18-3m	K11.24-0.5m-DUP

Sub-Matrix: **SOIL**				Client sample ID	K11.18-0.5m		K11.18-3m		K11.24-0.5m-DUP	
				Laboratory sample ID	PR2030364-034		PR2030364-035		PR2030364-036	
				Client sampling date / time	25-Mar-2020		25-Mar-2020		25-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**91.9**	± 6.0%	**91.3**	± 6.0%	**96.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**6240**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.74**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**19.7**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.180**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.9**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**40800**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**9.96**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**2.46**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**4.5**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**6320**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**2.7**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**4.6**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**4400**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**132**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**5.8**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**92.9**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**615**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**282**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**88**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**99.9**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**114**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**266**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**14.4**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**19.4**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**26**	± 30.0%	**60**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**19**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K11.20-0.5m-DUP		----		----	
				Laboratory sample ID	PR2030364-037		----		----	
				Client sampling date / time	25-Mar-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.5**	± 6.0%	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**14**	± 30.0%	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	23 April 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200330-19
Your Reference:	KTE-97-20-HAW
Location:	Sde Dov
Report No:	550186

This report has been revised and directly supersedes 548661 in its entirety.

We received 4 samples on Monday March 30, 2020 and 4 of these samples were scheduled for analysis which was completed on Thursday April 23, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan
Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200330-19	**Client Reference:**	KTE-97-20-HAW	**Report Number:**	550186
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	548661

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21977582	K11.5		0.50	25/03/2020
21977584	K11.10		0.50	25/03/2020
21977587	K11.12		0.50	25/03/2020
21977589	K11-23		0.50	25/03/2020

Maximum Sample/Coolbox Temperature (°C) : **14**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200330-19	**Client Reference:**	KTE-97-20-HAW	**Report Number:**	550186
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	548661

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			21977582	21977584	21977587	21977589
Customer Sample Reference			K11.5	K11.10	K11.12	K11-23
AGS Reference						
Depth (m)			0.50	0.50	0.50	0.50
Container			250g Glass jar	250g Glass jar	250g Glass jar	250g Glass jar
Sample Type			S	S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 2	X	X		
EPH	All	NDPs: 0 Tests: 4	X	X	X	X
EPH by GCxGC-FID	All	NDPs: 0 Tests: 4	X	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 2	X	X		
Sample description	All	NDPs: 0 Tests: 4	X	X	X	X
Silver	All	NDPs: 0 Tests: 2	X	X		
VOC MS (S)	All	NDPs: 0 Tests: 4	X	X	X	X

CERTIFICATE OF ANALYSIS

SDG:	200330-19	**Client Reference:**	KTE-97-20-HAW	**Report Number:**	550186
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	548661

Sample Descriptions

Grain Sizes

very fine	<0.063mm	fine	0.063mm - 0.1mm	medium	0.1mm - 2mm	coarse	2mm - 10mm	very coarse	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21977589	K11-23	0.50	Light Brown	Sand	Stones	None
21977582	K11.5	0.50	Cream	Sand	Stones	None
21977584	K11.10	0.50	Light Brown	Sand	Stones	None
21977587	K11.12	0.50	Light Brown	Sand	None	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

CERTIFICATE OF ANALYSIS

SDG:	200330-19	**Client Reference:**	KTE-97-20-HAW	**Report Number:**	550186
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	548661

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K11.5	K11.10	K11.12	K11-23		
			Depth (m)	0.50	0.50	0.50	0.50		
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)		
			Date Sampled	25/03/2020	25/03/2020	25/03/2020	25/03/2020		
			Sample Time	.	.	.	.		
			Date Received	30/03/2020	30/03/2020	30/03/2020	30/03/2020		
			SDG Ref	200330-19	200330-19	200330-19	200330-19		
			Lab Sample No.(s)	21977582	21977584	21977587	21977589		
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		3.1	6.3	5.2	4.7		
Aluminium	<11 mg/kg	TM181		915	1680				
Antimony	<0.6 mg/kg	TM181		<0.6 #	<0.6 #				
Arsenic	<0.6 mg/kg	TM181		1.53 M	3.34 M				
Barium	<0.6 mg/kg	TM181		11.5 #	22 #				
Beryllium	<0.01 mg/kg	TM181		0.0259 M	0.0495 M				
Boron	<0.7 mg/kg	TM181		0.784 #	0.974 #				
Cadmium	<0.02 mg/kg	TM181		<0.02 M	0.109 M				
Chromium	<0.9 mg/kg	TM181		3.48 M	5.47 M				
Cobalt	<0.1 mg/kg	TM181		0.946 M	1.46 M				
Copper	<1.4 mg/kg	TM181		1.88 M	3.22 M				
Iron	<1000 mg/kg	TM181		1550 #	2720 #				
Lead	<0.7 mg/kg	TM181		2.08 M	8.65 M				
Manganese	<0.13 mg/kg	TM181		63.4 M	88.1 M				
Mercury	<0.14 mg/kg	TM181		<0.14 M	<0.14 M				
Molybdenum	<0.1 mg/kg	TM181		<0.1 #	<0.1 #				
Nickel	<0.2 mg/kg	TM181		2.48 M	49.6 M				
Phosphorus	<1 mg/kg	TM181		92.5	118				
Selenium	<1 mg/kg	TM181		<1 #	<1 #				
Strontium	<0.4 mg/kg	TM181		118 #	349 #				
Tin	<0.24 mg/kg	TM181		<0.24 #	<0.24 #				
Thallium	<0.7 mg/kg	TM181		<0.7 #	<0.7 #				
Titanium	<0.1 mg/kg	TM181		61.2	91.2				
Vanadium	<0.2 mg/kg	TM181		9.34 #	51.7 #				
Zinc	<1.9 mg/kg	TM181		21 M	35.7 M				
Bismuth	<1 mg/kg	TM181		<1	<1				
Lithium	<1 mg/kg	TM181		1.84	2.96				
Tellurium	<1 mg/kg	TM181		<1	<1				
Calcium	<21 mg/kg	TM224		35400	67000				
Sodium	<7 mg/kg	TM224		142	167				
Magnesium	<8 mg/kg	TM224		3280	1160				
Potassium	<16 mg/kg	TM224		228	300				
Silver	<10 mg/kg	TM250		<10	<10				

Validated

CERTIFICATE OF ANALYSIS

SDG:	200330-19	**Client Reference:**	KTE-97-20-HAW	**Report Number:**	550186
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	548661

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K11.5	K11.10	K11.12	K11-23		
			Depth (m)	0.50	0.50	0.50	0.50		
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)		
			Date Sampled	25/03/2020	25/03/2020	25/03/2020	25/03/2020		
			Sample Time	.	.	.	.		
			Date Received	30/03/2020	30/03/2020	30/03/2020	30/03/2020		
			SDG Ref	200330-19	200330-19	200330-19	200330-19		
			Lab Sample No.(s)	21977582	21977584	21977587	21977589		
			AGS Reference						
EPH (C5-C40)	<35 mg/kg	TM415		<35	<35	<35	<35		
EPH Surrogate % recovery**	%	TM415		92	89.8	97.6	93		
EPH >C10-C40	<35 mg/kg	TM415		<35 M	<35 M	<35 M	<35 M		

Validated

CERTIFICATE OF ANALYSIS

SDG:	200330-19	**Client Reference:**	KTE-97-20-HAW	**Report Number:**	550186
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	548661

VOC MS (S)

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K11.5	K11.10	K11.12	K11-23		
			Depth (m)	0.50	0.50	0.50	0.50		
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)		
			Date Sampled	25/03/2020	25/03/2020	25/03/2020	25/03/2020		
			Sample Time	.	.	.	.		
			Date Received	30/03/2020	30/03/2020	30/03/2020	30/03/2020		
			SDG Ref	200330-19	200330-19	200330-19	200330-19		
			Lab Sample No.(s)	21977582	21977584	21977587	21977589		
			AGS Reference						
Dibromofluoromethane**	%	TM116		108 2	105 2	106 2	111 2		
Toluene-d8**	%	TM116		98.3 2	98.2 2	99.7 2	93.9 2		
4-Bromofluorobenzene**	%	TM116		96 2	93.9 2	95.9 2	84.4 2		
Methyl Tertiary Butyl Ether	<10 µg/kg	TM116		<10 2 M	<10 2 M	<10 2 M	<10 2 M		
Benzene	<9 µg/kg	TM116		<9 2 M	<9 2 M	<9 2 M	<9 2 M		
Toluene	<7 µg/kg	TM116		<7 2 M	<7 2 M	<7 2 M	<7 2 M		
Ethylbenzene	<4 µg/kg	TM116		<4 2 M	<4 2 M	<4 2 M	<4 2 M		
p/m-Xylene	<10 µg/kg	TM116		<10 2 #	<10 2 #	<10 2 #	<10 2 #		
o-Xylene	<10 µg/kg	TM116		<10 2 M	<10 2 M	<10 2 M	<10 2 M		
Sum of BTEX	<40 µg/kg	TM116		<40 2	<40 2	<40 2	<40 2		

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200330-19	**Client Reference:**	KTE-97-20-HAW	**Report Number:**	550186
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	548661

Test Completion Dates

Lab Sample No(s)	21977589	21977582	21977584	21977587
Customer Sample Ref.	K11-23	K11.5	K11.10	K11.12
AGS Ref.				
Depth	0.50	0.50	0.50	0.50
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)		23-Apr-2020	23-Apr-2020	
EPH	06-Apr-2020	06-Apr-2020	06-Apr-2020	06-Apr-2020
EPH by GCxGC-FID	06-Apr-2020	06-Apr-2020	06-Apr-2020	03-Apr-2020
GRO by GC-FID (S)	06-Apr-2020	06-Apr-2020	06-Apr-2020	06-Apr-2020
Metals in solid samples by OES		23-Apr-2020	23-Apr-2020	
Sample description	30-Mar-2020	30-Mar-2020	30-Mar-2020	30-Mar-2020
Silver		23-Apr-2020	23-Apr-2020	
VOC MS (S)	06-Apr-2020	06-Apr-2020	06-Apr-2020	06-Apr-2020

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2031521**	Issue Date	: 09-Apr-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-101-20	Page	: 1 of 17
Order number	: ----	Date Samples Received	: 01-Apr-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 01-Apr-2020 - 09-Apr-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2031521/001,006,013,015,029, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2031521/033, method W-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Should a sample contain sediment it is decanted prior to volatile compounds determination.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K9.3-0.5m		K9.3-3m		K9.4-0.5m	
				Laboratory sample ID	PR2031521-001		PR2031521-002		PR2031521-003	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**83.4**	± 6.0%	**57.2**	± 6.0%	**88.1**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**3760**	± 20.0%	**----**	----	**1580**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.18**	± 20.0%	**----**	----	**1.99**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**27.1**	± 20.0%	**----**	----	**15.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.112**	± 20.0%	**----**	----	**0.043**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.3**	± 20.0%	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**55000**	± 20.0%	**----**	----	**47700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**7.29**	± 20.0%	**----**	----	**4.36**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.74**	± 20.0%	**----**	----	**0.85**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**6.3**	± 20.0%	**----**	----	**4.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**3820**	± 20.0%	**----**	----	**2110**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**7.1**	± 20.0%	**----**	----	**4.3**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**4.5**	± 20.0%	**----**	----	**1.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**3410**	± 20.0%	**----**	----	**1000**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**95.4**	± 20.0%	**----**	----	**73.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**8.8**	± 20.0%	**----**	----	**10.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**139**	± 20.0%	**----**	----	**131**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**445**	± 20.0%	**----**	----	**264**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**194**	± 20.0%	**----**	----	**212**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**196**	± 20.0%	**----**	----	**169**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**149**	± 20.0%	**----**	----	**174**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**295**	± 20.0%	**----**	----	**70**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**163**	± 20.0%	**----**	----	**74.2**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**16.1**	± 20.0%	**----**	----	**17.0**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**25.8**	± 20.0%	**----**	----	**18.0**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**15**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K9.4-3m		K9.2-0.5m		K9.2-1m	
				Laboratory sample ID	PR2031521-004		PR2031521-005		PR2031521-006	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	**----**	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**58.8**	± 6.0%	**89.7**	± 6.0%	**82.9**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2660**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K9.4-3m		K9.2-0.5m		K9.2-1m	
				Laboratory sample ID	PR2031521-004		PR2031521-005		PR2031521-006	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.28**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**20.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.064**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**100000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.27**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.00**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**7.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**3360**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**6.2**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**23100**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**67.9**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**6.8**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**128**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**406**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**225**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**218**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**164**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**312**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**108**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**15.6**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**42.5**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**17**	± 30.0%	**15**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**15**	± 30.0%	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K9.4-3m		K9.2-0.5m		K9.2-1m	
				Laboratory sample ID	PR2031521-004		PR2031521-005		PR2031521-006	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K9.4-3m		K9.2-0.5m		K9.2-1m	
				Laboratory sample ID	PR2031521-004		PR2031521-005		PR2031521-006	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued										
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chlorinated Hydrocarbons										
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitrosoamines										
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Anilines										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	----	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.005	----	----	----	----	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	----	----	----	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K9.4-3m		K9.2-0.5m		K9.2-1m	
				Laboratory sample ID	PR2031521-004		PR2031521-005		PR2031521-006	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aldehydes / Ketones - Continued										
Isophorone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Alcohols / Esters										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K9.1-0.5m		K9.1-1m		K9.23-0.5m	
				Laboratory sample ID	PR2031521-007		PR2031521-008		PR2031521-009	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**85.5**	± 6.0%	**83.2**	± 6.0%	**85.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1070**	± 20.0%	**----**	----	**973**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.45**	± 20.0%	**----**	----	**1.15**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**9.24**	± 20.0%	**----**	----	**9.79**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.026**	± 20.0%	**----**	----	**0.026**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**24400**	± 20.0%	**----**	----	**41400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.13**	± 20.0%	**----**	----	**3.04**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.62**	± 20.0%	**----**	----	**0.59**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**1270**	± 20.0%	**----**	----	**1160**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**1.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**403**	± 20.0%	**----**	----	**490**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**92.8**	± 20.0%	**----**	----	**51.9**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.0**	± 20.0%	**----**	----	**1.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**107**	± 20.0%	**----**	----	**114**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**179**	± 20.0%	**----**	----	**147**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**332**	± 20.0%	**----**	----	**241**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**121**	± 20.0%	**----**	----	**222**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**84.6**	± 20.0%	**----**	----	**140**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**44**	± 20.0%	**----**	----	**65**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**53.2**	± 20.0%	**----**	----	**55.8**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**6.01**	± 20.0%	**----**	----	**2.40**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**3.1**	± 20.0%	**----**	----	**3.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K9.23-3m		K9.22-0.5m		K9.22-3m	
				Laboratory sample ID	PR2031521-010		PR2031521-011		PR2031521-012	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										

Sub-Matrix: **SOIL**				Client sample ID	K9.23-3m		K9.22-0.5m		K9.22-3m	
				Laboratory sample ID	PR2031521-010		PR2031521-011		PR2031521-012	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters - Continued									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**59.5**	± 6.0%	**87.6**	± 6.0%	**59.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1120**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.03**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**9.14**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.034**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**43600**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.36**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.68**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1340**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**684**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**72.7**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**111**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**181**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**270**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**185**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**138**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**62**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**56.9**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**2.58**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**3.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.19-0.5m		K10.19-4m		K10.18-1m	
				Laboratory sample ID	PR2031521-013		PR2031521-014		PR2031521-015	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**87.4**	± 6.0%	**77.9**	± 6.0%	**86.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**4840**	± 20.0%	**----**	----	**1690**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.81**	± 20.0%	**----**	----	**2.71**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**27.5**	± 20.0%	**----**	----	**14.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.136**	± 20.0%	**----**	----	**0.047**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.0**	± 20.0%	**----**	----	**1.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----

Sub-Matrix: **SOIL**				Client sample ID	K10.19-0.5m		K10.19-4m		K10.18-1m	
				Laboratory sample ID	PR2031521-013		PR2031521-014		PR2031521-015	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Calcium	S-METAXHB2	50	mg/kg DW		**72300**	± 20.0%	**----**	----	**81200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**10.1**	± 20.0%	**----**	----	**4.54**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.93**	± 20.0%	**----**	----	**0.89**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**6.0**	± 20.0%	**----**	----	**2.9**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**5080**	± 20.0%	**----**	----	**1900**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**12.8**	± 20.0%	**----**	----	**4.8**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**4.2**	± 20.0%	**----**	----	**2.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**3950**	± 20.0%	**----**	----	**6540**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**122**	± 20.0%	**----**	----	**56.8**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**0.45**	± 20.0%	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**6.4**	± 20.0%	**----**	----	**4.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**141**	± 20.0%	**----**	----	**98.5**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**533**	± 20.0%	**----**	----	**264**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**189**	± 20.0%	**----**	----	**193**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**175**	± 20.0%	**----**	----	**239**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**214**	± 20.0%	**----**	----	**225**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**283**	± 20.0%	**----**	----	**286**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**177**	± 20.0%	**----**	----	**76.7**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**16.6**	± 20.0%	**----**	----	**11.6**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**25.3**	± 20.0%	**----**	----	**13.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**28**	± 30.0%	<10	----	**31**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**12**	± 30.0%	<12	----	**12**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K10.18-3m		K9.29-0.5m		K9.29-3m	
				Laboratory sample ID	PR2031521-016		PR2031521-017		PR2031521-018	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**81.7**	± 6.0%	**79.5**	± 6.0%	**67.7**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**48700**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**136**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**1.38**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**10.2**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**27700**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**70.6**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**19.3**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**26.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**47900**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**9.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**41.9**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**9550**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**873**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.18-3m		K9.29-0.5m		K9.29-3m	
				Laboratory sample ID	PR2031521-016		PR2031521-017		PR2031521-018	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**0.81**	± 20.0%	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**44.8**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**564**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**5990**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**137**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**426**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**69.9**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**174**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**1320**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**89.7**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**65.8**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**25.4**	± 20.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K9.25-1m		K9.25-3m		K9.26-1m	
				Laboratory sample ID	PR2031521-019		PR2031521-020		PR2031521-021	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**89.2**	± 6.0%	**68.4**	± 6.0%	**84.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**10000**	± 20.0%	**----**	----	**6990**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**0.52**	± 20.0%	**----**	----	**2.07**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**35.4**	± 20.0%	**----**	----	**41.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.292**	± 20.0%	**----**	----	**0.186**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.3**	± 20.0%	**----**	----	**3.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**30800**	± 20.0%	**----**	----	**91500**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**15.9**	± 20.0%	**----**	----	**10.8**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**4.97**	± 20.0%	**----**	----	**3.59**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**5.6**	± 20.0%	**----**	----	**3.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**9580**	± 20.0%	**----**	----	**6000**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**2.5**	± 20.0%	**----**	----	**2.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**7.3**	± 20.0%	**----**	----	**6.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**3030**	± 20.0%	**----**	----	**2340**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**229**	± 20.0%	**----**	----	**280**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**10.1**	± 20.0%	**----**	----	**7.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**185**	± 20.0%	**----**	----	**123**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**972**	± 20.0%	**----**	----	**949**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**214**	± 20.0%	**----**	----	**187**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**129**	± 20.0%	**----**	----	**360**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**78.1**	± 20.0%	**----**	----	**675**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**95**	± 20.0%	**----**	----	**189**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	**K9.25-1m**		**K9.25-3m**		**K9.26-1m**	
				Laboratory sample ID	*PR2031521-019*		*PR2031521-020*		*PR2031521-021*	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**512**	± 20.0%	**----**	----	**257**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**21.0**	± 20.0%	**----**	----	**15.8**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**15.1**	± 20.0%	**----**	----	**8.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**7.5**	± 20.0%	**----**	----	**5.3**	± 20.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.26-3m**		**K9.28-0.5m**		**K9.28-3m**	
				Laboratory sample ID	*PR2031521-022*		*PR2031521-023*		*PR2031521-024*	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**76.9**	± 6.0%	**93.6**	± 6.0%	**76.7**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**4770**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**0.94**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**19.1**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.118**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2.5**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**102000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**7.11**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.51**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.6**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**4230**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**4.1**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**23700**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**102**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.8**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**92.4**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**705**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**214**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**199**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**170**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**151**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**136**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**13.1**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**6.6**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K9.24-1m		K9.24-4m		K9.24-6m	
				Laboratory sample ID	PR2031521-025		PR2031521-026		PR2031521-027	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**90.5**	± 6.0%	**64.7**	± 6.0%	**79.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**8460**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.84**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**35.2**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.230**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.7**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**60500**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**13.2**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**2.98**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**4.8**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**7280**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**4.1**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**7.6**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**2180**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**175**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**8.0**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**142**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**927**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**196**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**182**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**310**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**114**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**304**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**19.8**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**12.6**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K9.24-7.5m		K9.3-0.5m-DUP		K9.5-0.5m	
				Laboratory sample ID	PR2031521-028		PR2031521-029		PR2031521-030	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**84.3**	± 6.0%	**82.8**	± 6.0%	**89.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**1210**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**10.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**----**	----	**0.036**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**37600**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	**K9.24-7.5m**		**K9.3-0.5m-DUP**		**K9.5-0.5m**	
				Laboratory sample ID	*PR2031521-028*		*PR2031521-029*		*PR2031521-030*	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**		**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----		**----**	----	**3.48**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----		**----**	----	**0.68**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----		**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----		**----**	----	**1400**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----		**----**	----	**2.6**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----		**----**	----	**1.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----		**----**	----	**592**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----		**----**	----	**59.6**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----		**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----		**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----		**----**	----	**1.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----		**----**	----	**107**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----		**----**	----	**202**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----		**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----		**----**	----	**304**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----		**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----		**----**	----	**188**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----		**----**	----	**134**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----		**----**	----	**53**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----		**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----		**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----		**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----		**----**	----	**67.7**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----		**----**	----	**6.78**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----		**----**	----	**39.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----		**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----		**13**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----		<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.5-3m**		**----**		**----**	
				Laboratory sample ID	*PR2031521-031*		----		----	
				Client sampling date / time	30-Mar-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**		**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**56.7**	± 6.0%		**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----		**----**	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----		**----**	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	**FB**		**EB**		**TB**	
				Laboratory sample ID	*PR2031521-032*		*PR2031521-033*		*PR2031521-034*	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**		**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations										
Aluminium	W-METAXDG1	0.010	mg/L	**0.050**	± 10.0%		**24.9**	± 10.0%	**----**	----
Antimony	W-METAXDG1	0.020	mg/L	<0.020	----		<0.020	----	**----**	----
Arsenic	W-METAXDG1	0.010	mg/L	<0.010	----		<0.010	----	**----**	----
Barium	W-METAXDG1	0.00050	mg/L	**0.0417**	± 10.0%		**0.180**	± 10.0%	**----**	----
Beryllium	W-METAXDG1	0.00020	mg/L	<0.00020	----		**0.00060**	± 10.0%	**----**	----
Bismuth	W-METAXDG2	0.010	mg/L	<0.010	----		<0.010	----	**----**	----
Boron	W-METAXDG1	0.010	mg/L	**0.166**	± 10.0%		**0.028**	± 10.0%	**----**	----
Cadmium	W-METAXDG1	0.0020	mg/L	<0.0020	----		<0.0020	----	**----**	----
Calcium	W-METAXDG1	0.050	mg/L	**48.0**	± 10.0%		**155**	± 10.0%	**----**	----
Chromium	W-METAXDG1	0.0020	mg/L	<0.0020	----		**0.121**	± 10.0%	**----**	----

Sub-Matrix: **WATER**

Parameter	Method	LOR	Unit	Client sample ID: FB	MU	Client sample ID: EB	MU	Client sample ID: TB	MU
				Laboratory sample ID: PR2031521-032		Laboratory sample ID: PR2031521-033		Laboratory sample ID: PR2031521-034	
				Client sampling date / time: 30-Mar-2020		Client sampling date / time: 30-Mar-2020		Client sampling date / time: 30-Mar-2020	
Total Metals / Major Cations - Continued									
Cobalt	W-METAXDG1	0.0020	mg/L	<0.0020	----	**0.0111**	± 10.0%	**----**	----
Copper	W-METAXDG1	0.0020	mg/L	<0.0020	----	**0.0285**	± 10.0%	**----**	----
Iron	W-METAXDG1	0.0050	mg/L	**0.0363**	± 10.0%	**26.7**	± 10.0%	**----**	----
Lead	W-METAXDG1	0.010	mg/L	<0.010	----	**0.017**	± 10.0%	**----**	----
Lithium	W-METAXDG1	0.0020	mg/L	**0.0179**	± 10.0%	**0.0185**	± 10.0%	**----**	----
Magnesium	W-METAXDG1	0.020	mg/L	**22.0**	± 10.0%	**30.7**	± 10.0%	**----**	----
Manganese	W-METAXDG1	0.00050	mg/L	**0.00106**	± 10.0%	**0.434**	± 10.0%	**----**	----
Mercury	W-METAXDG1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Molybdenum	W-METAXDG1	0.0030	mg/L	<0.0030	----	**0.0365**	± 10.0%	**----**	----
Nickel	W-METAXDG1	0.0050	mg/L	<0.0050	----	**0.0339**	± 10.0%	**----**	----
Phosphorus	W-METAXDG1	0.050	mg/L	<0.050	----	**1.72**	± 10.0%	**----**	----
Potassium	W-METAXDG1	0.015	mg/L	**5.72**	± 10.0%	**9.27**	± 10.0%	**----**	----
Selenium	W-METAXDG1	0.030	mg/L	<0.030	----	<0.030	----	**----**	----
Silicon	W-METAXDG2	0.60	mg/L	**2.97**	± 10.0%	**47.8**	± 10.0%	**----**	----
Silver	W-METAXDG1	0.0050	mg/L	<0.0050	----	<0.0050	----	**----**	----
Sodium	W-METAXDG1	0.030	mg/L	**100**	± 10.0%	**60.0**	± 10.0%	**----**	----
Strontium	W-METAXDG2	0.0010	mg/L	**0.412**	± 10.0%	**1.04**	± 10.0%	**----**	----
Sulphur	W-METAXDG2	0.10	mg/L	**11.7**	± 10.0%	**5.02**	± 10.0%	**----**	----
Tellurium	W-METAXDG2	0.050	mg/L	<0.050	----	<0.050	----	**----**	----
Thallium	W-METAXDG1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Tin	W-METAXDG2	0.010	mg/L	<0.010	----	**0.015**	± 10.0%	**----**	----
Titanium	W-METAXDG2	0.0010	mg/L	<0.0010	----	**0.448**	± 10.0%	**----**	----
Vanadium	W-METAXDG1	0.0020	mg/L	<0.0020	----	**0.0812**	± 10.0%	**----**	----
Zinc	W-METAXDG1	0.0030	mg/L	**0.0980**	± 10.0%	**0.253**	± 10.0%	**----**	----
Zirconium	W-METAXDG2	0.0010	mg/L	<0.0010	----	**0.0114**	± 10.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L	<30	----	**236**	± 30.0%	**----**	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L	<35	----	**121**	± 30.0%	**----**	----
BTEX									
Benzene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Toluene	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
Ethylbenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Toluene	S-VOCGMS05	0.10	mg/kg	**----**	----	**----**	----	<0.10	----
meta- & para-Xylene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
ortho-Xylene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Sum of BTEX	W-VOCGMS01	1.10	µg/L	<1.10	----	<1.10	----	**----**	----
Sum of xylenes	W-VOCGMS01	0.30	µg/L	<0.30	----	<0.30	----	**----**	----
Sum of TEX	W-VOCGMS01	0.90	µg/L	<0.90	----	<0.90	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg	**----**	----	**----**	----	<0.050	----
Sum of BTEX (M1)	W-VOCGMS01	0.550	µg/L	<0.550	----	<0.550	----	**----**	----
Sum of TEX (M1)	W-VOCGMS01	0.450	µg/L	<0.450	----	<0.450	----	**----**	----
Sum of xylenes (M1)	W-VOCGMS01	0.150	µg/L	<0.150	----	<0.150	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg	**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg	**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg	**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.1-Trichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
1.1.2-Trichloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
1.1-Dichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2.3-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2.4-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.2-Dibromo-3-chloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2-Dibromoethane (EDB)	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----

Sub-Matrix: **WATER**

				Client sample ID	FB		EB		TB	
				Laboratory sample ID	PR2031521-032		PR2031521-033		PR2031521-034	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
1.2-Dichlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	W-VOCGMS01	0.50	µg/L		<0.50	----	<0.50	----	**----**	----
1.2-Dichloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
1.3.5-Trichlorobenzene	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
1.3-Dichlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
1.3-Dichloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
1.4-Dichlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
2.2-Dichloropropane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
2-Chlorotoluene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
4-Chlorotoluene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Bromobenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Bromochloromethane	W-VOCGMS01	2.0	µg/L		<2.0	----	<2.0	----	**----**	----
Bromodichloromethane	W-VOCGMS01	0.10	µg/L		**0.17**	± 40.0%	<0.10	----	**----**	----
Bromoform	W-VOCGMS01	0.20	µg/L		**86.3**	± 40.0%	<0.20	----	**----**	----
Bromomethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Chlorobenzene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
Chloroethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Chloroform	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
Chloromethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
cis-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Dibromochloromethane	W-VOCGMS01	0.10	µg/L		**2.68**	± 40.0%	<0.10	----	**----**	----
Dibromomethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Dichlorodifluoromethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Dichloromethane	W-VOCGMS01	6.0	µg/L		<6.0	----	<6.0	----	**----**	----
Hexachlorobutadiene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Sum of 3 Dichlorobenzenes	W-VOCGMS01	0.30	µg/L		<0.30	----	<0.30	----	**----**	----
Sum of 3 Dichlorobenzenes (M1)	W-VOCGMS01	0.150	µg/L		<0.150	----	<0.150	----	**----**	----
Sum of 3 Trichlorobenzenes	W-VOCGMS01	0.40	µg/L		<0.40	----	<0.40	----	**----**	----
Sum of 3 Trichlorobenzenes (M1)	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Sum of 4 Trihalomethanes	W-VOCGMS01	0.50	µg/L		**89.2**	----	<0.50	----	**----**	----
Sum of 4 Trihalomethanes (M1)	W-VOCGMS01	0.250	µg/L		**89.2**	----	<0.250	----	**----**	----
Sum of 5 Chlorinated Ethenes	W-VOCGMS01	0.60	µg/L		<0.60	----	<0.60	----	**----**	----
Tetrachloroethene	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Tetrachloromethane	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
trans-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Trichloroethene	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
Trichlorofluoromethane	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Vinyl chloride	W-VOCGMS01	0.10	µg/L		<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg		**----**	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg		**----**	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg		**----**	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg		**----**	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
Sum of 1.2-Dichloroethenes	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg		**----**	----	**----**	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg		**----**	----	**----**	----	<0.10	----

Sub-Matrix: **WATER**				Client sample ID	FB		EB		TB	
				Laboratory sample ID	PR2031521-032		PR2031521-033		PR2031521-034	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg	----	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Bromoform	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg	----	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg	----	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg	----	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg	----	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg	----	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg	----	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
1.3.5-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
Diisopropyl ether (DIPE)	W-VOCGMS01	0.60	µg/L	<0.60	----	<0.60	----	----	----
Ethyl tert-Butyl Ether (ETBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	----	----
Isopropylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
Methyl tert-Butyl Ether (MTBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	----	----
n-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
n-Propylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
p-Isopropyltoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
sec-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
Styrene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	----	----
Sum of BTEXS	W-VOCGMS01	1.3	µg/L	<1.3	----	<1.3	----	----	----
Sum of BTEXS (M1)	W-VOCGMS01	0.65	µg/L	<0.65	----	<0.65	----	----	----
tert-Amyl Ethyl Ether (TAEE)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	----	----
tert-Amyl Methyl Ether (TAME)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	----	----
tert-Butyl alcohol	W-VOCGMS01	5.0	µg/L	<5.0	----	<5.0	----	----	----
tert-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	----	----
Styrene	S-VOCGMS05	0.050	mg/kg	----	----	----	----	<0.050	----
Indane	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
1.4-Dioxane	W-VOCGMS01	50	µg/L	<50	----	<50	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg	----	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg	----	----	----	----	<0.80	----

Sub-Matrix: **WATER**				Client sample ID	FB		EB		TB	
				Laboratory sample ID	PR2031521-032		PR2031521-033		PR2031521-034	
				Client sampling date / time	30-Mar-2020		30-Mar-2020		30-Mar-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg	**----**	----	**----**	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg	**----**	----	**----**	----	<1.50	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Naphthalene	S-VOCGMS05	0.10	mg/kg	**----**	----	**----**	----	<0.10	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
W-METAXDG1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was homogenized and mineralized by nitric acid in autoclave under high pressure and temperature prior to analysis.
W-METAXDG2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was homogenized and mineralized by nitric acid in autoclave under high pressure and temperature prior to analysis.
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Analytical Methods	*Method Descriptions*
W-VOCGMS01	CZ_SOP_D06_03_155 except chap. 10.5, 10.6 (US EPA 624, US EPA 8260, US EPA 8015, CSN EN ISO 10301, MADEP 2004, rev. 1.1, CSN ISO 11423, CSN EN ISO 15680) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values
Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
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Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	09 April 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200401-63
Your Reference:	Site: Sde Dov
Location:	KTE-101-20-HAW
Report No:	549162

We received 3 samples on Wednesday April 01, 2020 and 3 of these samples were scheduled for analysis which was completed on Thursday April 09, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200401-63	**Client Reference:**	Site: Sde Dov	**Report Number:**	549162
Location:	KTE-101-20-HAW	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
21986241	K9.1		0.50 - 0.50	30/03/2020
21986242	k9.23		0.50 - 0.50	30/03/2020
21986243	k9.29		0.50 - 0.50	30/03/2020

Maximum Sample/Coolbox Temperature (°C) :

ISO5667-3 Water quality - Sampling - Part3 -

During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

10.2

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200401-63	**Client Reference:**	Site: Sde Dov	**Report Number:**	549162
Location:	KTE-101-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -
S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			21986241	21986242	21986243
Customer Sample Reference			K9.1	k9.23	k9.29
AGS Reference					
Depth (m)			0.50 - 0.50	0.50 - 0.50	0.50 - 0.50
Container			125g Glass Jar	125g Glass Jar	125g Glass Jar
Sample Type			S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 1	X		
EPH by GCxGC-FID	All	NDPs: 0 Tests: 3	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 1	X		
Sample description	All	NDPs: 0 Tests: 3	X	X	X
Silver	All	NDPs: 0 Tests: 1	X		

CERTIFICATE OF ANALYSIS

SDG:	200401-63	**Client Reference:**	Site: Sde Dov	**Report Number:**	549162
Location:	KTE-101-20-HAW	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
21986241	K9.1	0.50 - 0.50	Light Brown	Loamy Sand	Stones	None
21986242	k9.23	0.50 - 0.50	Light Brown	Loamy Sand	None	None
21986243	k9.29	0.50 - 0.50	Dark Brown	Clay	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200401-63	**Client Reference:**	Site: Sde Dov	**Report Number:**	549162
Location:	KTE-101-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K9.1	k9.23	k9.29			
			Depth (m)	0.50 - 0.50	0.50 - 0.50	0.50 - 0.50			
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)			
			Date Sampled	30/03/2020	30/03/2020	30/03/2020			
			Sample Time	.	.	.			
			Date Received	01/04/2020	01/04/2020	01/04/2020			
			SDG Ref	200401-63	200401-63	200401-63			
			Lab Sample No.(s)	21986241	21986242	21986243			
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		12	13	17			
Aluminium	<11 mg/kg	TM181		2260					
Antimony	<0.6 mg/kg	TM181		<0.6 #					
Arsenic	<0.6 mg/kg	TM181		1.64 M					
Barium	<0.6 mg/kg	TM181		35.9 #					
Beryllium	<0.01 mg/kg	TM181		0.118 M					
Boron	<0.7 mg/kg	TM181		1.91 #					
Cadmium	<0.02 mg/kg	TM181		0.215 M					
Chromium	<0.9 mg/kg	TM181		6.76 M					
Cobalt	<0.1 mg/kg	TM181		4.08 M					
Copper	<1.4 mg/kg	TM181		9.1 M					
Iron	<1000 mg/kg	TM181		2990 #					
Lead	<0.7 mg/kg	TM181		3.44 M					
Manganese	<0.13 mg/kg	TM181		124 M					
Mercury	<0.14 mg/kg	TM181		<0.14 M					
Molybdenum	<0.1 mg/kg	TM181		0.159 #					
Nickel	<0.2 mg/kg	TM181		5.01 M					
Phosphorus	<1 mg/kg	TM181		158					
Selenium	<1 mg/kg	TM181		<1 #					
Strontium	<0.4 mg/kg	TM181		105 #					
Tin	<0.24 mg/kg	TM181		<0.24 #					
Thallium	<0.7 mg/kg	TM181		<0.7 #					
Titanium	<0.1 mg/kg	TM181		135					
Vanadium	<0.2 mg/kg	TM181		12.7 #					
Zinc	<1.9 mg/kg	TM181		23.5 M					
Bismuth	<1 mg/kg	TM181		<1					
Lithium	<1 mg/kg	TM181		4.46					
Tellurium	<1 mg/kg	TM181		<1					
Calcium	<21 mg/kg	TM224		61000					
Sodium	<7 mg/kg	TM224		170					
Magnesium	<8 mg/kg	TM224		3580					
Potassium	<16 mg/kg	TM224		366					
Silver	<10 mg/kg	TM250		<10					

Validated

CERTIFICATE OF ANALYSIS

SDG:	200401-63	**Client Reference:**	Site: Sde Dov	**Report Number:**	549162
Location:	KTE-101-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	k9.23	k9.29			
			Depth (m)	0.50 - 0.50	0.50 - 0.50	0.50 - 0.50			
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)			
			Date Sampled	30/03/2020	30/03/2020	30/03/2020			
			Sample Time	.	.	.			
			Date Received	01/04/2020	01/04/2020	01/04/2020			
			SDG Ref	200401-63	200401-63	200401-63			
			Lab Sample No.(s)	21986241	21986242	21986243			
			AGS Reference						
EPH Surrogate % recovery**	%	TM415		102	93.6	95			
EPH >C10-C40	<35 mg/kg	TM415		37 M	<35 M	<35 M			
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35	<35			

CERTIFICATE OF ANALYSIS

SDG:	200401-63	**Client Reference:**	Site: Sde Dov	**Report Number:**	549162
Location:	KTE-101-20-HAW	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200401-63	**Client Reference:**	Site: Sde Dov	**Report Number:**	549162
Location:	KTE-101-20-HAW	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	21986241	21986242	21986243
Customer Sample Ref.	K9.1	k9.23	k9.29
AGS Ref.			
Depth	0.50 - 0.50	0.50 - 0.50	0.50 - 0.50
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	08-Apr-2020		
EPH by GCxGC-FID	06-Apr-2020	06-Apr-2020	06-Apr-2020
Metals in solid samples by OES	08-Apr-2020		
Sample description	02-Apr-2020	02-Apr-2020	02-Apr-2020
Silver	09-Apr-2020		

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2035874**	Issue Date	: 06-May-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-114-20	Page	: 1 of 38
Order number	: ----	Date Samples Received	: 17-Apr-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 18-Apr-2020 - 06-May-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2035874/001,006,008,010,011,018, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2035874/018, method S-SMVGMS03 - LOR for particular sample(s) raised due to matrix interference.

Should a sample contain sediment it is decanted prior to volatile compounds determination.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K12.3-0.5m		K12.3-3m		K12.1-0.5m	
				Laboratory sample ID	PR2035874-001		PR2035874-002		PR2035874-003	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	<1	----	<1	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**93.3**	± 6.0%	**73.1**	± 6.0%	**86.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**3320**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**4.62**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**27.7**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.081**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**164000**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**7.77**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.35**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**2.3**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**3920**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**1.4**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**4.0**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1450**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**104**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**4.0**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**123**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**363**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**152**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**121**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**464**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**272**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**198**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**13.6**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**14.7**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**----**	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	**----**	----	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----

Sub-Matrix: **SOIL**				Client sample ID	K12.3-0.5m		K12.3-3m		K12.1-0.5m	
				Laboratory sample ID	PR2035874-001		PR2035874-002		PR2035874-003	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	<0.80	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	<1.50	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K12.3-0.5m		K12.3-3m		K12.1-0.5m	
				Laboratory sample ID	PR2035874-001		PR2035874-002		PR2035874-003	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds - Continued									
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	<0.040	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	<0.005	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K12.3-0.5m		K12.3-3m		K12.1-0.5m	
				Laboratory sample ID	PR2035874-001		PR2035874-002		PR2035874-003	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K12.1-2m		K12.1-3m		K12.4-0.5m	
				Laboratory sample ID	PR2035874-004		PR2035874-005		PR2035874-006	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**86.4**	± 6.0%	**78.2**	± 6.0%	**93.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**3140**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**6.95**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**22.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**----**	----	**0.078**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**1.7**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**114000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**6.70**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**1.41**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**2.0**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**----**	----	**4120**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**1.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**3.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**2060**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**112**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**3.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**----**	----	**107**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**419**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**188**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**----**	----	**175**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**429**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**----**	----	**144**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**----**	----	**170**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K12.1-2m		K12.1-3m		K12.4-0.5m	
				Laboratory sample ID	PR2035874-004		PR2035874-005		PR2035874-006	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**10.1**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**5.5**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	<10	----	**56**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	<12	----	**20**	± 30.0%
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K12.1-2m		K12.1-3m		K12.4-0.5m	
				Laboratory sample ID	PR2035874-004		PR2035874-005		PR2035874-006	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	**K12.1-2m**		**K12.1-3m**		**K12.4-0.5m**	
				Laboratory sample ID	*PR2035874-004*		*PR2035874-005*		*PR2035874-006*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued									
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K12.4-3m**		**K15.39-0.5m**		**K15.39-2m**	
				Laboratory sample ID	*PR2035874-007*		*PR2035874-008*		*PR2035874-009*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	**----**	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**83.2**	± 6.0%	**95.9**	± 6.0%	**96.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3320**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.46**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**19.2**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.089**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.8**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**50100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**8.36**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.71**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**6.0**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**4020**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**9.3**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K12.4-3m		K15.39-0.5m		K15.39-2m	
				Laboratory sample ID	PR2035874-007		PR2035874-008		PR2035874-009	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**5850**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**97.4**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**9.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**119**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**460**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**212**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**126**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**147**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**152**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**178**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**16.5**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**20.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**277**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**37**	± 30.0%	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K12.4-3m		K15.39-0.5m		K15.39-2m	
				Laboratory sample ID	PR2035874-007		PR2035874-008		PR2035874-009	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----

Sub-Matrix: **SOIL**				Client sample ID	K12.4-3m		K15.39-0.5m		K15.39-2m	
				Laboratory sample ID	PR2035874-007		PR2035874-008		PR2035874-009	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	----	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	----	----	----	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K15.39-4.5m		K15.40-0.5m		K15.40-4.5m	
				Laboratory sample ID	PR2035874-010		PR2035874-011		PR2035874-012	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	----	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	----	----	<1	----

Sub-Matrix: **SOIL**				Client sample ID	K15.39-4.5m		K15.40-0.5m		K15.40-4.5m	
				Laboratory sample ID	PR2035874-010		PR2035874-011		PR2035874-012	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.0**	± 6.0%	**95.4**	± 6.0%	**96.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1650**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**4.96**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**21.3**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.049**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**84800**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**4.96**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.03**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.2**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**2210**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**20.8**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**2120**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**128**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.9**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**157**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**263**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**228**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**265**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**331**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**87**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**112**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**7.65**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**6.6**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**28**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K15.39-4.5m		K15.40-0.5m		K15.40-4.5m	
				Laboratory sample ID	PR2035874-010		PR2035874-011		PR2035874-012	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									

Sub-Matrix: **SOIL**				Client sample ID	K15.39-4.5m		K15.40-0.5m		K15.40-4.5m	
				Laboratory sample ID	PR2035874-010		PR2035874-011		PR2035874-012	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: SOIL				Client sample ID	K15.39-4.5m		K15.40-0.5m		K15.40-4.5m	
				Laboratory sample ID	PR2035874-010		PR2035874-011		PR2035874-012	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Phthalates - Continued									
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: SOIL				Client sample ID	K9.13-0.5m		K9.13-1m		K9.13-3m	
				Laboratory sample ID	PR2035874-013		PR2035874-014		PR2035874-015	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	<1	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**91.7**	± 6.0%	**94.0**	± 6.0%	**91.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2860**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**6.03**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**26.9**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.078**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.7**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**238000**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**6.14**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.56**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**2.0**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**2450**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.8**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1890**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**70.7**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**3.7**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**80.7**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**330**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**179**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**173**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**771**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**218**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**112**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**12.2**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**3.8**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**----**	----	<10	----

Sub-Matrix: **SOIL**				Client sample ID	K9.13-0.5m		K9.13-1m		K9.13-3m	
				Laboratory sample ID	PR2035874-013		PR2035874-014		PR2035874-015	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued										
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	**----**	----	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Non-Halogenated Volatile Organic Compounds										
Styrene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K9.13-0.5m		K9.13-1m		K9.13-3m	
				Laboratory sample ID	PR2035874-013		PR2035874-014		PR2035874-015	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	**----**	----	<0.80	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	**----**	----	<1.50	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.13-0.5m**		**K9.13-1m**		**K9.13-3m**	
				Laboratory sample ID	*PR2035874-013*		*PR2035874-014*		*PR2035874-015*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.14-0.5m**		**K9.14-3m**		**K9.15-0.5m**	
				Laboratory sample ID	*PR2035874-016*		*PR2035874-017*		*PR2035874-018*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	**----**	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**92.5**	± 6.0%	**93.8**	± 6.0%	**94.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2030**	± 20.0%	**----**	----	**2480**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.25**	± 20.0%	**----**	----	**1.88**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**15.2**	± 20.0%	**----**	----	**52.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.064**	± 20.0%	**----**	----	**0.078**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**10.6**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**56700**	± 20.0%	**----**	----	**91900**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.91**	± 20.0%	**----**	----	**8.02**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.16**	± 20.0%	**----**	----	**1.38**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**3.0**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**2110**	± 20.0%	**----**	----	**2360**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**4.3**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.2**	± 20.0%	**----**	----	**4.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**828**	± 20.0%	**----**	----	**11600**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**79.7**	± 20.0%	**----**	----	**81.7**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**2.5**	± 20.0%	**----**	----	**10.1**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K9.14-0.5m		K9.14-3m		K9.15-0.5m	
				Laboratory sample ID	PR2035874-016		PR2035874-017		PR2035874-018	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**118**	± 20.0%	**----**	----	**139**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**328**	± 20.0%	**----**	----	**453**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**246**	± 20.0%	**----**	----	**201**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**183**	± 20.0%	**----**	----	**320**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**188**	± 20.0%	**----**	----	**205**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**75**	± 20.0%	**----**	----	**560**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**98.1**	± 20.0%	**----**	----	**125**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**5.22**	± 20.0%	**----**	----	**8.79**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**4.1**	± 20.0%	**----**	----	**31.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**157**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**42**	± 30.0%
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K9.14-0.5m		K9.14-3m		K9.15-0.5m	
				Laboratory sample ID	PR2035874-016		PR2035874-017		PR2035874-018	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									

Sub-Matrix: **SOIL**				Client sample ID	K9.14-0.5m		K9.14-3m		K9.15-0.5m	
				Laboratory sample ID	PR2035874-016		PR2035874-017		PR2035874-018	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitrosoamines - Continued									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	**----**	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.375	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K9.15-3m		K9.16-0.5m		K9.16-3m	
				Laboratory sample ID	PR2035874-019		PR2035874-020		PR2035874-021	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	**----**	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**91.9**	± 6.0%	**94.8**	± 6.0%	**94.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2350**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K9.15-3m**		**K9.16-0.5m**		**K9.16-3m**	
				Laboratory sample ID	*PR2035874-019*		*PR2035874-020*		*PR2035874-021*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.17**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**14.9**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.071**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**52800**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**5.72**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.27**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.9**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**2360**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.8**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.5**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**899**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**88.7**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.6**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**117**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**371**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**262**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**172**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**178**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**105**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.8**	± 20.0%	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**114**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**5.97**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**6.8**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K9.15-3m		K9.16-0.5m		K9.16-3m	
				Laboratory sample ID	PR2035874-019		PR2035874-020		PR2035874-021	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----

Sub-Matrix: **SOIL**				Client sample ID	K9.15-3m		K9.16-0.5m		K9.16-3m	
				Laboratory sample ID	PR2035874-019		PR2035874-020		PR2035874-021	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	----	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	----	----	----	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K9.15-3m		K9.16-0.5m		K9.16-3m	
				Laboratory sample ID	PR2035874-019		PR2035874-020		PR2035874-021	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aldehydes / Ketones - Continued									
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K12.3-4.5m		K9.3-0.5m		K9.3-2m	
				Laboratory sample ID	PR2035874-022		PR2035874-023		PR2035874-024	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	**----**	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**75.4**	± 6.0%	**88.0**	± 6.0%	**76.5**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2690**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.23**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**19.9**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.081**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.9**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**66700**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**8.96**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.42**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.2**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**2700**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**15.4**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.4**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**4390**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**99.0**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**10.6**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**138**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**379**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**238**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**248**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**210**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**145**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**123**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**19.6**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**19.5**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**11**	± 30.0%	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**13**	± 30.0%	**----**	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K12.3-4.5m		K9.3-0.5m		K9.3-2m	
				Laboratory sample ID	PR2035874-022		PR2035874-023		PR2035874-024	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	----	----	----	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	----	----	----	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	----	----	----	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K12.3-4.5m		K9.3-0.5m		K9.3-2m	
				Laboratory sample ID	PR2035874-022		PR2035874-023		PR2035874-024	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	----	----	<0.040	----

Sub-Matrix: SOIL				Client sample ID	K12.3-4.5m		K9.3-0.5m		K9.3-2m	
				Laboratory sample ID	PR2035874-022		PR2035874-023		PR2035874-024	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: SOIL				Client sample ID	K9.3-3m		K7.24-4.5m		K7.31-4.5m	
				Laboratory sample ID	PR2035874-025		PR2035874-026		PR2035874-027	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**70.5**	± 6.0%	**90.6**	± 6.0%	**88.3**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K7.28-4.5m		K7.26-4.5m		K7.21-4.5m	
				Laboratory sample ID	PR2035874-028		PR2035874-029		PR2035874-030	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**88.6**	± 6.0%	**89.6**	± 6.0%	**89.4**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K7.25-4.5m		K7.27-4.5m		K7.30-4.5m	
				Laboratory sample ID	PR2035874-031		PR2035874-032		PR2035874-033	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**88.7**	± 6.0%	**87.8**	± 6.0%	**87.1**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K11.6-0.5m		K11.6-2m		K11.6-3m	
				Laboratory sample ID	PR2035874-034		PR2035874-035		PR2035874-036	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		**----**	----	<1	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**97.9**	± 6.0%	**93.4**	± 6.0%	**98.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1240**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.28**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**11.3**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.040**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**40200**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.81**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.93**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**1.1**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**1520**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.6**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**674**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**77.7**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.8**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**80.6**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**244**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**251**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**183**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**162**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**52**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**68.9**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**3.40**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**5.1**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**----**	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	**----**	----	**16**	± 30.0%
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		**----**	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K11.6-0.5m		K11.6-2m		K11.6-3m	
				Laboratory sample ID	PR2035874-034		PR2035874-035		PR2035874-036	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	<0.80	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	<1.50	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K11.6-0.5m		K11.6-2m		K11.6-3m	
				Laboratory sample ID	PR2035874-034		PR2035874-035		PR2035874-036	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds - Continued									
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	<0.50	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<1.00	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<1.00	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<1.00	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	<0.040	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	----	----	<0.005	----	----	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	**K11.6-0.5m**		**K11.6-2m**		**K11.6-3m**	
				Laboratory sample ID	*PR2035874-034*		*PR2035874-035*		*PR2035874-036*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Phthalates - Continued									
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K12.2-1m**		**K12.2-5m**		**K12.2-6m**	
				Laboratory sample ID	*PR2035874-037*		*PR2035874-038*		*PR2035874-039*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	<1	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**92.6**	± 6.0%	**83.8**	± 6.0%	**74.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1290**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.86**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**10.4**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.040**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**54000**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.25**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.67**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1380**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**1.6**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.8**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**9660**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**59.9**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.8**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**91.6**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**221**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**265**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**250**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**138**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**121**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**60.2**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**5.10**	± 20.0%	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K12.2-1m		K12.2-5m		K12.2-6m	
				Laboratory sample ID	PR2035874-037		PR2035874-038		PR2035874-039	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Zinc	S-METAXHB1	3.0	mg/kg DW		**7.6**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K12.2-1m		K12.2-5m		K12.2-6m	
				Laboratory sample ID	PR2035874-037		PR2035874-038		PR2035874-039	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	<0.80	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	<1.50	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K12.2-1m**		**K12.2-5m**		**K12.2-6m**	
				Laboratory sample ID	*PR2035874-037*		*PR2035874-038*		*PR2035874-039*	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued									
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K12.3-0.5m-DUP**		**K9.3-3m-DUP**		**----**	
				Laboratory sample ID	*PR2035874-040*		*PR2035874-041*		----	
				Client sampling date / time	07-Apr-2020		07-Apr-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**93.9**	± 6.0%	**69.6**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	**FB**		**----**		**----**	
				Laboratory sample ID	*PR2035874-042*		----		----	
				Client sampling date / time	07-Apr-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations									
Aluminium	W-METAXFX1	0.010	mg/L	**0.033**	± 10.0%	**----**	----	**----**	----
Antimony	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Arsenic	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Barium	W-METAXFX1	0.00050	mg/L	**0.0358**	± 10.0%	**----**	----	**----**	----
Beryllium	W-METAXFX1	0.00020	mg/L	<0.00020	----	**----**	----	**----**	----
Bismuth	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Boron	W-METAXFX1	0.010	mg/L	**0.206**	± 10.0%	**----**	----	**----**	----
Cadmium	W-METAXFX1	0.00040	mg/L	<0.00040	----	**----**	----	**----**	----
Calcium	W-METAXFX1	0.0050	mg/L	**39.2**	± 10.0%	**----**	----	**----**	----

Sub-Matrix: **WATER**				*Client sample ID*	**FB**		**----**		**----**	
				Laboratory sample ID	*PR2035874-042*		----		----	
				Client sampling date / time	07-Apr-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations - Continued									
Chromium	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Cobalt	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Copper	W-METAXFX1	0.0010	mg/L	**0.0018**	± 10.0%	**----**	----	**----**	----
Iron	W-METAXFX1	0.0020	mg/L	**0.120**	± 10.0%	**----**	----	**----**	----
Lead	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Lithium	W-METAXFX1	0.0010	mg/L	**0.0065**	± 10.0%	**----**	----	**----**	----
Magnesium	W-METAXFX1	0.0030	mg/L	**15.0**	± 10.0%	**----**	----	**----**	----
Manganese	W-METAXFX1	0.00050	mg/L	**0.00234**	± 10.0%	**----**	----	**----**	----
Mercury	W-HG-AFSFXL	0.0020	µg/L	<0.0020	----	**----**	----	**----**	----
Molybdenum	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Nickel	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Phosphorus	W-METAXFX1	0.050	mg/L	<0.050	----	**----**	----	**----**	----
Potassium	W-METAXFX1	0.015	mg/L	**4.59**	± 10.0%	**----**	----	**----**	----
Selenium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Silicon	W-METAXFX2	0.010	mg/L	**2.52**	± 10.0%	**----**	----	**----**	----
Silver	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Sodium	W-METAXFX1	0.030	mg/L	**78.9**	± 10.0%	**----**	----	**----**	----
Strontium	W-METAXFX2	0.0010	mg/L	**0.317**	± 10.0%	**----**	----	**----**	----
Sulphur	W-METAXFX2	0.060	mg/L	**7.79**	± 10.0%	**----**	----	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Titanium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Vanadium	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Zinc	W-METAXFX1	0.0020	mg/L	**0.161**	± 10.0%	**----**	----	**----**	----
Zirconium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L	<30	----	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L	<35	----	**----**	----	**----**	----
BTEX									
Benzene	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
Toluene	W-VOCGMS01	0.50	µg/L	<0.50	----	**----**	----	**----**	----
Ethylbenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
meta- & para-Xylene	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
ortho-Xylene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
Sum of BTEX	W-VOCGMS01	1.10	µg/L	<1.10	----	**----**	----	**----**	----
Sum of xylenes	W-VOCGMS01	0.30	µg/L	<0.30	----	**----**	----	**----**	----
Sum of TEX	W-VOCGMS01	0.90	µg/L	<0.90	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.1.1-Trichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
1.1.2-Trichloroethane	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
1.1-Dichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.1-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.1-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	W-VOCGMS01	0.50	µg/L	<0.50	----	**----**	----	**----**	----
1.2-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.2-Dichloroethane	W-VOCGMS01	0.50	µg/L	<0.50	----	**----**	----	**----**	----
1.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
1.3.5-Trichlorobenzene	W-VOCGMS01	0.20	µg/L	<0.20	----	**----**	----	**----**	----
1.3-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----
1.3-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	**----**	----	**----**	----
1.4-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	**----**	----	**----**	----

Sub-Matrix: **WATER**

				Client sample ID		----		----	
				Laboratory sample ID		----		----	
				Client sampling date / time		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
2.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
2-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
4-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Bromobenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Bromochloromethane	W-VOCGMS01	2.0	µg/L	<2.0	----	----	----	----	----
Bromodichloromethane	W-VOCGMS01	0.10	µg/L	**0.13**	± 40.0%	----	----	----	----
Bromoform	W-VOCGMS01	0.20	µg/L	**37.9**	± 40.0%	----	----	----	----
Bromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Chlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Chloroethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Chloroform	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Chloromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
cis-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
cis-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Dibromochloromethane	W-VOCGMS01	0.10	µg/L	**1.06**	± 40.0%	----	----	----	----
Dibromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Dichlorodifluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Dichloromethane	W-VOCGMS01	6.0	µg/L	<6.0	----	----	----	----	----
Hexachlorobutadiene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Sum of 3 Dichlorobenzenes	W-VOCGMS01	0.30	µg/L	<0.30	----	----	----	----	----
Sum of 3 Trichlorobenzenes	W-VOCGMS01	0.40	µg/L	<0.40	----	----	----	----	----
Sum of 4 Trihalomethanes	W-VOCGMS01	0.50	µg/L	**39.1**	----	----	----	----	----
Sum of 5 Chlorinated Ethenes	W-VOCGMS01	0.60	µg/L	<0.60	----	----	----	----	----
Tetrachloroethene	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
Tetrachloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
trans-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
trans-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Trichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Trichlorofluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Vinyl chloride	W-VOCGMS01	0.10	µg/L	<0.10	----	----	----	----	----
Sum of 1.2-Dichloroethenes	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
1.3.5-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Diisopropyl ether (DIPE)	W-VOCGMS01	0.60	µg/L	<0.60	----	----	----	----	----
Ethyl tert-Butyl Ether (ETBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
Isopropylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
n-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
n-Propylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
p-Isopropyltoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
sec-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Styrene	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
Sum of BTEXS	W-VOCGMS01	1.3	µg/L	<1.3	----	----	----	----	----
tert-Amyl Ethyl Ether (TAEE)	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
tert-Amyl Methyl Ether (TAME)	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
tert-Butyl alcohol	W-VOCGMS01	5.0	µg/L	<5.0	----	----	----	----	----
tert-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----
Indane	W-VOCGMS01	0.20	µg/L	<0.20	----	----	----	----	----
1.4-Dioxane	W-VOCGMS01	50	µg/L	<50	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	W-VOCGMS01	1.0	µg/L	<1.0	----	----	----	----	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
W-VOCGMS01	CZ_SOP_D06_03_155 except chap. 10.5, 10.6 (US EPA 624, US EPA 8260, US EPA 8015, CSN EN ISO 10301, MADEP 2004, rev. 1.1, CSN ISO 11423, CSN EN ISO 15680) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2033346**	Issue Date	: 06-May-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa Israel	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-109-20	Page	: 1 of 39
Order number	: ----	Date Samples Received	: 08-Apr-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Site:Sde Dov	Date of test	: 09-Apr-2020 - 06-May-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2033346/009,010,012,014,016-018,022,024,027,029,032,033,037,041, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2033346/010,029,030,032,035,041, method S-SMVGMS03 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2033346-001,003,004,006,009,012,014,016,018,020-022,024,026,027,29,031-033,035,038,042, method S-METAXHB1,2 - acid digestion was performed from original wet material.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K6.8-0.5m		K6.8-3m		K6.9-0.5m	
				Laboratory sample ID	PR2033346-001		PR2033346-002		PR2033346-003	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**87.2**	± 6.0%	**76.4**	± 6.0%	**97.3**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**5350**	± 20.0%	**----**	----	**1240**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**5.04**	± 20.0%	**----**	----	**0.95**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**51.8**	± 20.0%	**----**	----	**12.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.124**	± 20.0%	**----**	----	**0.038**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.0**	± 20.0%	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**218000**	± 20.0%	**----**	----	**40400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**8.60**	± 20.0%	**----**	----	**3.65**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**2.10**	± 20.0%	**----**	----	**0.67**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**2.8**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**5720**	± 20.0%	**----**	----	**1430**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**2.2**	± 20.0%	**----**	----	**1.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**4.6**	± 20.0%	**----**	----	**1.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**2920**	± 20.0%	**----**	----	**688**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**112**	± 20.0%	**----**	----	**63.6**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**4.5**	± 20.0%	**----**	----	**1.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**83.0**	± 20.0%	**----**	----	**96.6**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**577**	± 20.0%	**----**	----	**183**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**126**	± 20.0%	**----**	----	**174**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**188**	± 20.0%	**----**	----	**190**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**602**	± 20.0%	**----**	----	**125**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**211**	± 20.0%	**----**	----	**59**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**252**	± 20.0%	**----**	----	**67.8**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**12.9**	± 20.0%	**----**	----	**2.90**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**12.2**	± 20.0%	**----**	----	**3.1**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K6.9-3m		K6.10-0.5m		K6.10-1m	
				Laboratory sample ID	PR2033346-004		PR2033346-005		PR2033346-006	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	**----**	----	<1	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**71.4**	± 6.0%	**97.4**	± 6.0%	**97.7**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**29700**	± 20.0%	**----**	----	**903**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----

Sub-Matrix: **SOIL**				Client sample ID	K6.9-3m		K6.10-0.5m		K6.10-1m	
				Laboratory sample ID	PR2033346-004		PR2033346-005		PR2033346-006	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Arsenic	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**1.14**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**213**	± 20.0%	**----**	----	**11.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.895**	± 20.0%	**----**	----	**0.031**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**9.8**	± 20.0%	**----**	----	**1.0**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**153000**	± 20.0%	**----**	----	**44200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**39.5**	± 20.0%	**----**	----	**3.22**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**8.56**	± 20.0%	**----**	----	**0.59**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**15.0**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**27100**	± 20.0%	**----**	----	**1270**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**5.3**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**27.2**	± 20.0%	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**10500**	± 20.0%	**----**	----	**631**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**567**	± 20.0%	**----**	----	**63.7**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**21.7**	± 20.0%	**----**	----	**1.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**268**	± 20.0%	**----**	----	**118**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**3020**	± 20.0%	**----**	----	**160**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**62**	± 20.0%	**----**	----	**156**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**383**	± 20.0%	**----**	----	**226**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**1570**	± 20.0%	**----**	----	**159**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**327**	± 20.0%	**----**	----	**72**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**500**	± 20.0%	**----**	----	**54.9**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**29.6**	± 20.0%	**----**	----	**2.51**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**34.3**	± 20.0%	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**6.6**	± 20.0%	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K6.9-3m		K6.10-0.5m		K6.10-1m	
				Laboratory sample ID	PR2033346-004		PR2033346-005		PR2033346-006	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----

Sub-Matrix: **SOIL**				Client sample ID	K6.9-3m		K6.10-0.5m		K6.10-1m	
				Laboratory sample ID	PR2033346-004		PR2033346-005		PR2033346-006	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K6.9-3m		K6.10-0.5m		K6.10-1m	
				Laboratory sample ID	PR2033346-004		PR2033346-005		PR2033346-006	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aldehydes / Ketones - Continued									
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K6.10-2m		K6.10-3m		K6.3-0.5m	
				Laboratory sample ID	PR2033346-007		PR2033346-008		PR2033346-009	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	<1	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.6**	± 6.0%	**74.4**	± 6.0%	**90.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**4800**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**2.80**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**58.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**----**	----	**0.165**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**7.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**133000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**12.1**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**1.60**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**6.1**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**----**	----	**4370**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**25.2**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**7.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**28600**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**81.5**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	**0.45**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**7.9**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**----**	----	**252**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**541**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**92**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**----**	----	**299**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**157**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**----**	----	**1460**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**----**	----	**237**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**18.9**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**65.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**7.5**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**98**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**35**	± 30.0%
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.10-2m		K6.10-3m		K6.3-0.5m	
				Laboratory sample ID	PR2033346-007		PR2033346-008		PR2033346-009	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.10-2m		K6.10-3m		K6.3-0.5m	
				Laboratory sample ID	PR2033346-007		PR2033346-008		PR2033346-009	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	<0.80	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	<1.50	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	<0.040	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.10-2m		K6.10-3m		K6.3-0.5m	
				Laboratory sample ID	PR2033346-007		PR2033346-008		PR2033346-009	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.3-1m		K6.3-3m		K6.5-0.5m	
				Laboratory sample ID	PR2033346-010		PR2033346-011		PR2033346-012	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	<1	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**90.3**	± 6.0%	**93.9**	± 6.0%	**91.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**4090**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**2.77**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**39.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**----**	----	**0.122**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	**6.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**169000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**9.68**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	**1.50**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**5.5**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**----**	----	**4280**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**9.2**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**7.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**46800**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	**77.8**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**----**	----	**1.11**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	**12.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**----**	----	**171**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**595**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	**----**	----	<2.0	----

Sub-Matrix: **SOIL**				Client sample ID	K6.3-1m		K6.3-3m		K6.5-0.5m	
				Laboratory sample ID	PR2033346-010		PR2033346-011		PR2033346-012	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**----**	----	**90**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**----**	----	**343**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**179**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**----**	----	**1280**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**----**	----	**182**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**----**	----	**16.8**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**38.1**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	**5.9**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**196**	± 30.0%	<10	----	**260**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**46**	± 30.0%	<12	----	**59**	± 30.0%
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.3-1m		K6.3-3m		K6.5-0.5m	
				Laboratory sample ID	PR2033346-010		PR2033346-011		PR2033346-012	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	<0.80	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	<1.50	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.060	----	<0.020	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.3-1m**		**K6.3-3m**		**K6.5-0.5m**	
				Laboratory sample ID	*PR2033346-010*		*PR2033346-011*		*PR2033346-012*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Anilines - Continued									
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**0.008**	± 25.0%	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.700	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.5-3m**		**K6.11-0.5m**		**K6.11-3m**	
				Laboratory sample ID	*PR2033346-013*		*PR2033346-014*		*PR2033346-015*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**77.7**	± 6.0%	**93.3**	± 6.0%	**76.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3090**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.82**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**17.8**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.094**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.8**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**110000**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.5-3m**		**K6.11-0.5m**		**K6.11-3m**	
				Laboratory sample ID	*PR2033346-013*		*PR2033346-014*		*PR2033346-015*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**6.27**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.66**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.5**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**4050**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.4**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.7**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**2670**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**112**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.9**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**128**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**511**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**114**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**146**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**286**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**234**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**143**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**10.2**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**6.5**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**224**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**132**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.7-0.5m**		**K6.7-3m**		**K6.1-1m**	
				Laboratory sample ID	*PR2033346-016*		*PR2033346-017*		*PR2033346-018*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**94.2**	± 6.0%	**93.5**	± 6.0%	**89.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3630**	± 20.0%	**----**	----	**5730**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.55**	± 20.0%	**----**	----	**1.25**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**28.0**	± 20.0%	**----**	----	**34.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.114**	± 20.0%	**----**	----	**0.173**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.3**	± 20.0%	**----**	----	**4.0**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**149000**	± 20.0%	**----**	----	**93700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.70**	± 20.0%	**----**	----	**11.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.57**	± 20.0%	**----**	----	**2.02**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**3.1**	± 20.0%	**----**	----	**5.0**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4260**	± 20.0%	**----**	----	**5680**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**3.1**	± 20.0%	**----**	----	**3.8**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.9**	± 20.0%	**----**	----	**7.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**6990**	± 20.0%	**----**	----	**20100**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**121**	± 20.0%	**----**	----	**91.4**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----

Sub-Matrix: **SOIL**				Client sample ID	K6.7-0.5m		K6.7-3m		K6.1-1m	
				Laboratory sample ID	PR2033346-016		PR2033346-017		PR2033346-018	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Nickel	S-METAXHB1	1.0	mg/kg DW		**4.5**	± 20.0%	**----**	----	**7.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**152**	± 20.0%	**----**	----	**181**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**441**	± 20.0%	**----**	----	**849**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**124**	± 20.0%	**----**	----	**129**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**137**	± 20.0%	**----**	----	**293**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**231**	± 20.0%	**----**	----	**112**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**262**	± 20.0%	**----**	----	**622**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**196**	± 20.0%	**----**	----	**254**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**11.2**	± 20.0%	**----**	----	**15.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**19.7**	± 20.0%	**----**	----	**23.1**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**6.6**	± 20.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**59**	± 30.0%	**149**	± 30.0%	**90**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**16**	± 30.0%	**40**	± 30.0%	**27**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K6.1-3m		K6.2-1m		K6.2-3m	
				Laboratory sample ID	PR2033346-019		PR2033346-020		PR2033346-021	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		**----**	----	<1	----	<1	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**92.1**	± 6.0%	**94.1**	± 6.0%	**94.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1310**	± 20.0%	**1370**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**5.62**	± 20.0%	**10.5**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**17.2**	± 20.0%	**14.9**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.035**	± 20.0%	**0.035**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.0**	± 20.0%	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**259000**	± 20.0%	**232000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.50**	± 20.0%	**3.47**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.85**	± 20.0%	**0.83**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.3**	± 20.0%	**1.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1740**	± 20.0%	**1880**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.5**	± 20.0%	**1.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1490**	± 20.0%	**1490**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**65.0**	± 20.0%	**95.1**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.1**	± 20.0%	**1.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**49.0**	± 20.0%	**79.2**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**213**	± 20.0%	**194**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**127**	± 20.0%	**151**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		K6.1-3m		K6.2-1m		K6.2-3m	
				Laboratory sample ID		PR2033346-019		PR2033346-020		PR2033346-021	
				Client sampling date / time		05-Apr-2020		05-Apr-2020		05-Apr-2020	
						Result	MU	Result	MU	Result	MU
Extractable Metals / Major Cations - Continued											
Sodium	S-METAXHB2	15	mg/kg DW			**----**	----	**124**	± 20.0%	**68**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW			**----**	----	**580**	± 20.0%	**627**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW			**----**	----	**105**	± 20.0%	**52**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW			**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW			**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW			**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW			**----**	----	**80.3**	± 20.0%	**93.6**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW			**----**	----	**5.96**	± 20.0%	**6.95**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW			**----**	----	<3.0	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW			**----**	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons											
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW			<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW			<12	----	<12	----	<12	----
BTEX											
Toluene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW			**----**	----	<0.20	----	<0.20	----
Halogenated Volatile Organic Compounds											
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW			**----**	----	<0.20	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW			**----**	----	<0.20	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW			**----**	----	<0.10	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW			**----**	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K6.1-3m		K6.2-1m		K6.2-3m	
				Laboratory sample ID	PR2033346-019		PR2033346-020		PR2033346-021	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	**----**	----	<0.80	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	**----**	----	<1.50	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.1-3m**		**K6.2-1m**		**K6.2-3m**	
				Laboratory sample ID	*PR2033346-019*		*PR2033346-020*		*PR2033346-021*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Anilines - Continued										
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		**----**	----	<1.00	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		**----**	----	<1.00	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		**----**	----	<1.00	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		**----**	----	<0.020	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		**----**	----	<0.020	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		**----**	----	<0.040	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		**----**	----	<0.020	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		**----**	----	<0.020	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		**----**	----	<0.005	----	<0.005	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Alcohols / Esters										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.17-0.5m**		**K6.17-3m**		**K6.15-0.5m**	
				Laboratory sample ID	*PR2033346-022*		*PR2033346-023*		*PR2033346-024*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**92.5**	± 6.0%	**93.2**	± 6.0%	**85.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**5640**	± 20.0%	**----**	----	**13700**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**0.90**	± 20.0%	**----**	----	**1.11**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**48.3**	± 20.0%	**----**	----	**53.9**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.197**	± 20.0%	**----**	----	**0.396**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**7.3**	± 20.0%	**----**	----	**5.0**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**164000**	± 20.0%	**----**	----	**51400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**14.3**	± 20.0%	**----**	----	**21.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.93**	± 20.0%	**----**	----	**5.08**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K6.17-0.5m		K6.17-3m		K6.15-0.5m	
				Laboratory sample ID	PR2033346-022		PR2033346-023		PR2033346-024	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Copper	S-METAXHB1	1.0	mg/kg DW	**6.8**	± 20.0%	**----**	----	**8.5**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**5630**	± 20.0%	**----**	----	**13100**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**5.6**	± 20.0%	**----**	----	**3.2**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**10.0**	± 20.0%	**----**	----	**11.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**29100**	± 20.0%	**----**	----	**10300**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**85.2**	± 20.0%	**----**	----	**206**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**0.63**	± 20.0%	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**9.4**	± 20.0%	**----**	----	**13.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**285**	± 20.0%	**----**	----	**266**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**853**	± 20.0%	**----**	----	**1710**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**174**	± 20.0%	**----**	----	**214**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**311**	± 20.0%	**----**	----	**301**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**154**	± 20.0%	**----**	----	**83.0**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**1670**	± 20.0%	**----**	----	**510**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**283**	± 20.0%	**----**	----	**523**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**21.0**	± 20.0%	**----**	----	**26.4**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**35.4**	± 20.0%	**----**	----	**22.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**9.5**	± 20.0%	**----**	----	**10.6**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**126**	± 30.0%	<10	----	**59**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**34**	± 30.0%	<12	----	**23**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K6.15-2m		K6.15-3m		K6.14-0.5m	
				Laboratory sample ID	PR2033346-025		PR2033346-026		PR2033346-027	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	<1	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**92.8**	± 6.0%	**90.5**	± 6.0%	**90.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2490**	± 20.0%	**4280**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**4.73**	± 20.0%	**2.70**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**30.0**	± 20.0%	**32.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.063**	± 20.0%	**0.135**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.8**	± 20.0%	**4.8**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**190000**	± 20.0%	**177000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**17.9**	± 20.0%	**8.72**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.76**	± 20.0%	**1.62**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**5.0**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**3060**	± 20.0%	**4740**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**8.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.3**	± 20.0%	**6.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1820**	± 20.0%	**30300**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**38.9**	± 20.0%	**114**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K6.15-2m		K6.15-3m		K6.14-0.5m	
				Laboratory sample ID	PR2033346-025		PR2033346-026		PR2033346-027	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.8**	± 20.0%	**7.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**80.2**	± 20.0%	**173**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**310**	± 20.0%	**638**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**198**	± 20.0%	**167**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**113**	± 20.0%	**307**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**898**	± 20.0%	**234**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**205**	± 20.0%	**1320**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**125**	± 20.0%	**198**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**7.63**	± 20.0%	**16.9**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**3.3**	± 20.0%	**84.4**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**232**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**68**	± 30.0%
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.15-2m		K6.15-3m		K6.14-0.5m	
				Laboratory sample ID	PR2033346-025		PR2033346-026		PR2033346-027	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	<0.80	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	<1.50	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.15-2m		K6.15-3m		K6.14-0.5m	
				Laboratory sample ID	PR2033346-025		PR2033346-026		PR2033346-027	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorinated Hydrocarbons - Continued									
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.14-3m		K6.13-0.5m		K6.13-2m	
				Laboratory sample ID	PR2033346-028		PR2033346-029		PR2033346-030	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	<1	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**91.5**	± 6.0%	**92.3**	± 6.0%	**85.1**	± 6.0%

Sub-Matrix: **SOIL**				Client sample ID	K6.14-3m		K6.13-0.5m		K6.13-2m	
				Laboratory sample ID	PR2033346-028		PR2033346-029		PR2033346-030	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	----	----	**4750**	± 20.0%	----	----
Antimony	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	----	----	**2.92**	± 20.0%	----	----
Barium	S-METAXHB1	0.20	mg/kg DW	----	----	**38.2**	± 20.0%	----	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	----	----	**0.143**	± 20.0%	----	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	----	----	<1.0	----	----	----
Boron	S-METAXHB2	1.0	mg/kg DW	----	----	**5.4**	± 20.0%	----	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	----	----	<0.40	----	----	----
Calcium	S-METAXHB2	50	mg/kg DW	----	----	**142000**	± 20.0%	----	----
Chromium	S-METAXHB1	0.50	mg/kg DW	----	----	**9.07**	± 20.0%	----	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	----	----	**1.61**	± 20.0%	----	----
Copper	S-METAXHB1	1.0	mg/kg DW	----	----	**6.7**	± 20.0%	----	----
Iron	S-METAXHB1	10	mg/kg DW	----	----	**4660**	± 20.0%	----	----
Lead	S-METAXHB1	1.0	mg/kg DW	----	----	**12.7**	± 20.0%	----	----
Lithium	S-METAXHB1	1.0	mg/kg DW	----	----	**6.6**	± 20.0%	----	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	----	----	**28500**	± 20.0%	----	----
Manganese	S-METAXHB1	0.50	mg/kg DW	----	----	**87.1**	± 20.0%	----	----
Mercury	S-METAXHB1	0.20	mg/kg DW	----	----	<0.20	----	----	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	----	----	**0.75**	± 20.0%	----	----
Nickel	S-METAXHB1	1.0	mg/kg DW	----	----	**7.7**	± 20.0%	----	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	----	----	**209**	± 20.0%	----	----
Potassium	S-METAXHB2	5.0	mg/kg DW	----	----	**678**	± 20.0%	----	----
Selenium	S-METAXHB2	2.0	mg/kg DW	----	----	<2.0	----	----	----
Silicon	S-METAXHB2	50	mg/kg DW	----	----	**106**	± 20.0%	----	----
Silver	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Sodium	S-METAXHB2	15	mg/kg DW	----	----	**374**	± 20.0%	----	----
Strontium	S-METAXHB1	0.10	mg/kg DW	----	----	**197**	± 20.0%	----	----
Sulphur	S-METAXHB2	30	mg/kg DW	----	----	**1260**	± 20.0%	----	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	----	----	<1.0	----	----	----
Thallium	S-METAXHB1	0.50	mg/kg DW	----	----	<0.50	----	----	----
Tin	S-METAXHB1	1.0	mg/kg DW	----	----	<1.0	----	----	----
Titanium	S-METAXHB2	0.20	mg/kg DW	----	----	**217**	± 20.0%	----	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	----	----	**16.6**	± 20.0%	----	----
Zinc	S-METAXHB1	3.0	mg/kg DW	----	----	**49.4**	± 20.0%	----	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	----	----	<5.0	----	----	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**232**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**59**	± 30.0%	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	----	----	<0.20	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	----	----	<0.20	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	----	----	<0.20	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K6.14-3m		K6.13-0.5m		K6.13-2m	
				Laboratory sample ID	PR2033346-028		PR2033346-029		PR2033346-030	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	<0.80	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	<1.50	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	<0.030	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	<0.020	----

Sub-Matrix: **SOIL**				Client sample ID	K6.14-3m		K6.13-0.5m		K6.13-2m	
				Laboratory sample ID	PR2033346-028		PR2033346-029		PR2033346-030	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.030	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.030	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.180	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.625	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Aldehydes / Ketones									

Sub-Matrix: **SOIL**				Client sample ID	K6.14-3m		K6.13-0.5m		K6.13-2m	
				Laboratory sample ID	PR2033346-028		PR2033346-029		PR2033346-030	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aldehydes / Ketones - Continued									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K6.13-3m		K6.4-0.5m		K6.4-3m	
				Laboratory sample ID	PR2033346-031		PR2033346-032		PR2033346-033	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	<1	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**91.1**	± 6.0%	**91.6**	± 6.0%	**80.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2250**	± 20.0%	**3850**	± 20.0%	**21100**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**6.28**	± 20.0%	**2.74**	± 20.0%	**4.95**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**35.9**	± 20.0%	**35.4**	± 20.0%	**115**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.055**	± 20.0%	**0.119**	± 20.0%	**0.596**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.5**	± 20.0%	**5.2**	± 20.0%	**6.4**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**234000**	± 20.0%	**198000**	± 20.0%	**210000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**9.48**	± 20.0%	**10.5**	± 20.0%	**27.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.99**	± 20.0%	**1.42**	± 20.0%	**7.28**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**6.5**	± 20.0%	**4.3**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1990**	± 20.0%	**4220**	± 20.0%	**20200**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**21.1**	± 20.0%	**3.2**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.6**	± 20.0%	**6.4**	± 20.0%	**21.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**2090**	± 20.0%	**22100**	± 20.0%	**6220**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**92.3**	± 20.0%	**84.2**	± 20.0%	**235**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**0.44**	± 20.0%	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**3.4**	± 20.0%	**6.7**	± 20.0%	**16.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**232**	± 20.0%	**177**	± 20.0%	**90.4**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**221**	± 20.0%	**546**	± 20.0%	**1220**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**194**	± 20.0%	**152**	± 20.0%	**204**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**113**	± 20.0%	**266**	± 20.0%	**214**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**976**	± 20.0%	**180**	± 20.0%	**977**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**191**	± 20.0%	**890**	± 20.0%	**261**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**87.3**	± 20.0%	**195**	± 20.0%	**569**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**8.16**	± 20.0%	**14.3**	± 20.0%	**38.1**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**155**	± 20.0%	**17.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**5.3**	± 20.0%	**13.3**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**277**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**107**	± 30.0%	<12	----
BTEX									

Sub-Matrix: **SOIL**				Client sample ID	K6.13-3m		K6.4-0.5m		K6.4-3m	
				Laboratory sample ID	PR2033346-031		PR2033346-032		PR2033346-033	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K6.13-3m		K6.4-0.5m		K6.4-3m	
				Laboratory sample ID	PR2033346-031		PR2033346-032		PR2033346-033	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	<0.80	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	<1.50	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.080	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.040	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.13-3m**		**K6.4-0.5m**		**K6.4-3m**	
				Laboratory sample ID	*PR2033346-031*		*PR2033346-032*		*PR2033346-033*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	<0.040	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**0.005**	± 25.0%	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.100	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<1.00	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.2-4.5**		**K6.12-0.5m**		**K6.12-6m**	
				Laboratory sample ID	*PR2033346-034*		*PR2033346-035*		*PR2033346-037*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	<1	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**89.8**	± 6.0%	**93.6**	± 6.0%	**83.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2650**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.30**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**22.1**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.076**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.3**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**80100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**8.83**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.07**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.6**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**3800**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.8**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**13800**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**55.3**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	**0.45**	± 20.0%	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**4.0**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**122**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.2-4.5		K6.12-0.5m		K6.12-6m	
				Laboratory sample ID	PR2033346-034		PR2033346-035		PR2033346-037	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**397**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**174**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**192**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**95.3**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**346**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**126**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**8.33**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**134**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**80**	± 30.0%	**11**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	**22**	± 30.0%	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K6.2-4.5		K6.12-0.5m		K6.12-6m	
				Laboratory sample ID	PR2033346-034		PR2033346-035		PR2033346-037	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	<0.80	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	<1.50	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.2-4.5**		**K6.12-0.5m**		**K6.12-6m**	
				Laboratory sample ID	*PR2033346-034*		*PR2033346-035*		*PR2033346-037*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Anilines										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	<1.00	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	<1.00	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	<1.00	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	<0.040	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.005	----	<0.005	----	<0.005	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.075	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.225	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Alcohols / Esters										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.6-0.5m**		**K6.15-4.5m**		**K6.9-4.5m**	
				Laboratory sample ID	*PR2033346-038*		*PR2033346-039*		*PR2033346-040*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		**----**	----	**----**	----	<0.50	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		**----**	----	**----**	----	<1	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**91.2**	± 6.0%	**88.6**	± 6.0%	**73.1**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**5010**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**3.43**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**30.6**	± 20.0%	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.6-0.5m		K6.15-4.5m		K6.9-4.5m	
				Laboratory sample ID	PR2033346-038		PR2033346-039		PR2033346-040	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.135**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.8**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**107000**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**8.92**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**2.22**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**3.2**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**5740**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**2.3**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**4.3**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**3440**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**148**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**4.9**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**162**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**517**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**143**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**103**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**173**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**110**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**256**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**13.2**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**10.6**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		**----**	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		**----**	----	**----**	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K6.6-0.5m		K6.15-4.5m		K6.9-4.5m	
				Laboratory sample ID	PR2033346-038		PR2033346-039		PR2033346-040	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----

Sub-Matrix: **SOIL**				Client sample ID	K6.6-0.5m		K6.15-4.5m		K6.9-4.5m	
				Laboratory sample ID	PR2033346-038		PR2033346-039		PR2033346-040	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	----	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	----	----	----	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Alcohols / Esters									

Sub-Matrix: **SOIL**				Client sample ID	**K6.6-0.5m**		**K6.15-4.5m**		**K6.9-4.5m**	
				Laboratory sample ID	*PR2033346-038*		*PR2033346-039*		*PR2033346-040*	
				Client sampling date / time	05-Apr-2020		05-Apr-2020		05-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Alcohols / Esters - Continued										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	**K6.10-4.5m**		**K6.9-0.5m-DUP**		**K6.1-3m-DUP**	
				Laboratory sample ID	*PR2033346-041*		*PR2033346-042*		*PR2033346-043*	
				Client sampling date / time	05-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	**----**	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.1**	± 6.0%	**96.6**	± 6.0%	**92.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1230**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.17**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**13.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.040**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**50700**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.59**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.72**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1500**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**808**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**69.3**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.3**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**99.5**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**184**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**188**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**185**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**171**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**67**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**67.8**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**3.25**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**3.1**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**31**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K6.10-4.5m		K6.9-0.5m-DUP		K6.1-3m-DUP	
				Laboratory sample ID	PR2033346-041		PR2033346-042		PR2033346-043	
				Client sampling date / time	05-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	----	----	----	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	----	----	----	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	----	----	----	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachlorobutadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K6.10-4.5m		K6.9-0.5m-DUP		K6.1-3m-DUP	
				Laboratory sample ID	PR2033346-041		PR2033346-042		PR2033346-043	
				Client sampling date / time	05-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	----	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K6.10-4.5m		K6.9-0.5m-DUP		K6.1-3m-DUP	
				Laboratory sample ID	PR2033346-041		PR2033346-042		PR2033346-043	
				Client sampling date / time	05-Apr-2020		07-Apr-2020		07-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Analytical Methods	*Method Descriptions*
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	28 April 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200420-12
Your Reference:	KTE-114-20-HAW
Location:	Sde Dov
Report No:	550518

We received 3 samples on Monday April 20, 2020 and 3 of these samples were scheduled for analysis which was completed on Tuesday April 28, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200420-12	**Client Reference:**	KTE-114-20-HAW	**Report Number:**	550518
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22045402	K11.6-0.5m-soil			07/04/2020
22045401	K9.13-0.5m-soil			07/04/2020
22045403	K15.40-0.5m-soil			07/04/2020

Maximum Sample/Coolbox Temperature (°C) : **9.4**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200420-12	**Client Reference:**	KTE-114-20-HAW	**Report Number:**	550518
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

			Lab Sample No(s)		
			2204402	2204401	2204403
			Customer Sample Reference		
			K11.6-0.5m-soil	K9.13-0.5m-soil	K15.40-0.5m-soil
			AGS Reference		
			Depth (m)		
			Container		
			250g Glass jar	250g Glass jar	250g Glass jar
			Sample Type		
			S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 1			X
EPH by GCxGC-FID	All	NDPs: 0 Tests: 3	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 1			X
Sample description	All	NDPs: 0 Tests: 3	X	X	X
Silver	All	NDPs: 0 Tests: 1			X

CERTIFICATE OF ANALYSIS

SDG:	200420-12	**Client Reference:**	KTE-114-20-HAW	**Report Number:**	550518
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	fine	0.063mm - 0.1mm	medium	0.1mm - 2mm	coarse	2mm - 10mm	very coarse	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22045402	K11.6-0.5m-soil		Light Brown	Sand	Stones	None
22045401	K9.13-0.5m-soil		Light Brown	Sand	Stones	None
22045403	K15.40-0.5m-soil		Light Brown	Sand	None	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200420-12	**Client Reference:**	KTE-114-20-HAW	**Report Number:**	550518
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K11.6-0.5m-soil	K9.13-0.5m-soil	K15.40-0.5m-soil			
			Depth (m)	.	.	.			
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)			
			Date Sampled	07/04/2020	07/04/2020	07/04/2020			
			Sample Time	.	.	.			
			Date Received	20/04/2020	20/04/2020	20/04/2020			
			SDG Ref	200420-12	200420-12	200420-12			
			Lab Sample No.(s)	22045402	22045401	22045403			
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		2.7	6.2	4.4			
Aluminium	<11 mg/kg	TM181				445			
Antimony	<0.6 mg/kg	TM181				<0.6 #			
Arsenic	<0.6 mg/kg	TM181				4.51 M			
Barium	<0.6 mg/kg	TM181				21.2 #			
Beryllium	<0.01 mg/kg	TM181				0.054 M			
Boron	<0.7 mg/kg	TM181				0.914 #			
Cadmium	<0.02 mg/kg	TM181				0.116 M			
Chromium	<0.9 mg/kg	TM181				3.17 M			
Cobalt	<0.1 mg/kg	TM181				2.07 M			
Copper	<1.4 mg/kg	TM181				<1.4 M			
Iron	<1000 mg/kg	TM181				1950 #			
Lead	<0.7 mg/kg	TM181				0.902 M			
Manganese	<0.13 mg/kg	TM181				117 M			
Mercury	<0.14 mg/kg	TM181				<0.14 M			
Molybdenum	<0.1 mg/kg	TM181				0.135 #			
Nickel	<0.2 mg/kg	TM181				2.61 M			
Phosphorus	<1 mg/kg	TM181				181			
Selenium	<1 mg/kg	TM181				<1 #			
Strontium	<0.4 mg/kg	TM181				360 #			
Tin	<0.24 mg/kg	TM181				<0.24 #			
Thallium	<0.7 mg/kg	TM181				<0.7 #			
Titanium	<0.1 mg/kg	TM181				36.1			
Vanadium	<0.2 mg/kg	TM181				7.3 #			
Zinc	<1.9 mg/kg	TM181				6.96 M			
Bismuth	<1 mg/kg	TM181				<1			
Lithium	<1 mg/kg	TM181				9.56			
Tellurium	<1 mg/kg	TM181				<1			
Calcium	<21 mg/kg	TM224				129000			
Sodium	<7 mg/kg	TM224				327			
Magnesium	<8 mg/kg	TM224				4890			
Potassium	<16 mg/kg	TM224				473			
Silver	<10 mg/kg	TM250				<10			

CERTIFICATE OF ANALYSIS

SDG:	200420-12	**Client Reference:**	KTE-114-20-HAW	**Report Number:**	550518
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K11.6-0.5m-soil	K9.13-0.5m-soil	K15.40-0.5m-soil
			Depth (m)	.	.	.
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
			Date Sampled	07/04/2020	07/04/2020	07/04/2020
			Sample Time	.	.	.
			Date Received	20/04/2020	20/04/2020	20/04/2020
			SDG Ref	200420-12	200420-12	200420-12
			Lab Sample No.(s)	22045402	22045401	22045403
			AGS Reference			
EPH Surrogate % recovery**	%	TM415		100	98	94.8
EPH >C10-C40	<35 mg/kg	TM415		<35 @ M	<35 @ M	<35 @ M
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35	<35
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35	<35
EPH band >C10-C28	<35 mg/kg	TM415				<35
EPH Band >C28-C40	<35 mg/kg	TM415				<35

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200420-12	**Client Reference:**	KTE-114-20-HAW	**Report Number:**	550518
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22045402	22045401	22045403
Customer Sample Ref.	K11.6-0.5m-soil	K9.13-0.5m-soil	K15.40-0.5m-soil
AGS Ref.			
Depth			
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)			24-Apr-2020
EPH by GCxGC-FID	28-Apr-2020	28-Apr-2020	28-Apr-2020
Metals in solid samples by OES			27-Apr-2020
Sample description	23-Apr-2020	23-Apr-2020	23-Apr-2020
Silver			27-Apr-2020

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as “mixed hydrocarbons”. Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as “Not detected”. If no asbestos fibre types are found all will be reported as “Not detected” and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2038963**	Issue Date	: 06-May-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-122-20	Page	: 1 of 8
Order number	: ----	Date Samples Received	: 28-Apr-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 28-Apr-2020 - 06-May-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2038963/005,007,013,019, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.24-0.5m		K15.24-3m		K15.39-6m	
				Laboratory sample ID	PR2038963-001		PR2038963-002		PR2038963-003	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**98.1**	± 6.0%	**95.9**	± 6.0%	**96.9**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**979**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.44**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**10.5**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.033**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.2**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**82900**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.21**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.64**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**1340**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.1**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**905**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**77.3**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**121**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**157**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**339**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**173**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**281**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**57**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**59.3**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**5.34**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.40-6m		K2.8-0.5m		K2.8-3m	
				Laboratory sample ID	PR2038963-004		PR2038963-005		PR2038963-006	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.1**	± 6.0%	**94.5**	± 6.0%	**94.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2350**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.32**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**22.2**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.068**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K15.40-6m**		**K2.8-0.5m**		**K2.8-3m**	
				Laboratory sample ID	*PR2038963-004*		*PR2038963-005*		*PR2038963-006*	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	**0.68**	± 20.0%	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**68100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**8.12**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.16**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**6.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**2310**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**21.5**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.2**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**6560**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**60.6**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**22.3**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**107**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**312**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**285**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**150**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**190**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**240**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**119**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**33.6**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**23.6**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**102**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	**432**	± 30.0%	**18**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	**K2.9-0.5m**		**K2.9-3m**		**K2.10-0.5m**	
				Laboratory sample ID	*PR2038963-007*		*PR2038963-008*		*PR2038963-009*	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**92.8**	± 6.0%	**82.4**	± 6.0%	**98.4**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**6120**	± 20.0%	**----**	----	**1020**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.97**	± 20.0%	**----**	----	**1.67**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**50.0**	± 20.0%	**----**	----	**11.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.178**	± 20.0%	**----**	----	**0.037**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.5**	± 20.0%	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**52300**	± 20.0%	**----**	----	**51200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**10.9**	± 20.0%	**----**	----	**3.31**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**3.56**	± 20.0%	**----**	----	**0.63**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**5.9**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**6530**	± 20.0%	**----**	----	**1280**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**7.7**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**4.9**	± 20.0%	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**5000**	± 20.0%	**----**	----	**576**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	**K2.9-0.5m**		**K2.9-3m**		**K2.10-0.5m**	
				Laboratory sample ID	*PR2038963-007*		*PR2038963-008*		*PR2038963-009*	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Manganese	S-METAXHB1	0.50	mg/kg DW	**280**	± 20.0%	**----**	----	**67.4**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**9.8**	± 20.0%	**----**	----	**1.5**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**152**	± 20.0%	**----**	----	**123**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**652**	± 20.0%	**----**	----	**163**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**266**	± 20.0%	**----**	----	**315**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**160**	± 20.0%	**----**	----	**193**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**158**	± 20.0%	**----**	----	**185**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**100**	± 20.0%	**----**	----	**55**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**281**	± 20.0%	**----**	----	**65.8**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**17.2**	± 20.0%	**----**	----	**5.08**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**25.3**	± 20.0%	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**30**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.10-3m**		**K2.11-0.5m**		**K2.11-3m**	
				Laboratory sample ID	*PR2038963-010*		*PR2038963-011*		*PR2038963-012*	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**84.8**	± 6.0%	**96.9**	± 6.0%	**87.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**989**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.20**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**11.1**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.037**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.0**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**47200**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.23**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.65**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1200**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.0**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**525**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**49.1**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**7.8**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**106**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**143**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**325**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**167**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K2.10-3m		K2.11-0.5m		K2.11-3m	
				Laboratory sample ID	PR2038963-010		PR2038963-011		PR2038963-012	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**153**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**56**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**63.3**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**14.1**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K2.12-1m		K2.12-3m		K2.13-1m	
				Laboratory sample ID	PR2038963-013		PR2038963-014		PR2038963-015	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.6**	± 6.0%	**84.4**	± 6.0%	**92.6**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**3410**	± 20.0%	**----**	----	**6060**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.56**	± 20.0%	**----**	----	**1.84**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**23.5**	± 20.0%	**----**	----	**25.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.102**	± 20.0%	**----**	----	**0.172**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.9**	± 20.0%	**----**	----	**2.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**51400**	± 20.0%	**----**	----	**50400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**7.00**	± 20.0%	**----**	----	**10.9**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.57**	± 20.0%	**----**	----	**2.46**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**3.8**	± 20.0%	**----**	----	**4.2**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**3820**	± 20.0%	**----**	----	**6040**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**48.5**	± 20.0%	**----**	----	**10.8**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**3.0**	± 20.0%	**----**	----	**4.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1340**	± 20.0%	**----**	----	**2330**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**119**	± 20.0%	**----**	----	**122**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**14.5**	± 20.0%	**----**	----	**12.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**173**	± 20.0%	**----**	----	**133**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**462**	± 20.0%	**----**	----	**545**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**285**	± 20.0%	**----**	----	**196**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**188**	± 20.0%	**----**	----	**189**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**210**	± 20.0%	**----**	----	**158**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**99**	± 20.0%	**----**	----	**120**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**150**	± 20.0%	**----**	----	**258**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**25.1**	± 20.0%	**----**	----	**22.7**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**28.4**	± 20.0%	**----**	----	**22.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										

Sub-Matrix: **SOIL**				Client sample ID	**K2.12-1m**		**K2.12-3m**		**K2.13-1m**	
				Laboratory sample ID	*PR2038963-013*		*PR2038963-014*		*PR2038963-015*	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**33**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.13-3m**		**K2.5-0.5m**		**K2.5-3m**	
				Laboratory sample ID	*PR2038963-016*		*PR2038963-017*		*PR2038963-018*	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.9**	± 6.0%	**96.7**	± 6.0%	**78.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1820**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.50**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**14.8**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.052**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**45500**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**4.35**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.89**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1760**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.0**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**854**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**72.8**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**7.7**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**106**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**238**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**239**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**148**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**168**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**56**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**88.6**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**13.4**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**4.8**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**n.d.**	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**n.d.**	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.6-0.5m**		**K2.6-3m**		**K2.7-1m**	
				Laboratory sample ID	*PR2038963-019*		*PR2038963-020*		*PR2038963-021*	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.8**	± 6.0%	**77.0**	± 6.0%	**97.1**	± 6.0%

Sub-Matrix: **SOIL**				Client sample ID	K2.6-0.5m		K2.6-3m		K2.7-1m	
				Laboratory sample ID	PR2038963-019		PR2038963-020		PR2038963-021	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1460**	± 20.0%	**----**	----	**981**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.63**	± 20.0%	**----**	----	**1.07**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**12.1**	± 20.0%	**----**	----	**11.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.043**	± 20.0%	**----**	----	**0.029**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.0**	± 20.0%	**----**	----	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**48000**	± 20.0%	**----**	----	**53800**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**4.02**	± 20.0%	**----**	----	**3.10**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.83**	± 20.0%	**----**	----	**0.59**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**1.3**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**1660**	± 20.0%	**----**	----	**1200**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**4.6**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.5**	± 20.0%	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**867**	± 20.0%	**----**	----	**581**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**67.4**	± 20.0%	**----**	----	**74.8**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**4.6**	± 20.0%	**----**	----	**1.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**96.8**	± 20.0%	**----**	----	**96.4**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**202**	± 20.0%	**----**	----	**149**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**330**	± 20.0%	**----**	----	**333**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**125**	± 20.0%	**----**	----	**207**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**154**	± 20.0%	**----**	----	**178**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**55**	± 20.0%	**----**	----	**64**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**80.9**	± 20.0%	**----**	----	**61.6**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**9.93**	± 20.0%	**----**	----	**4.79**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**15.7**	± 20.0%	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**13**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K2.7-3m		K15.24-0.5m-DUP		----	
				Laboratory sample ID	PR2038963-022		PR2038963-023		----	
				Client sampling date / time	26-Apr-2020		26-Apr-2020		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**78.8**	± 6.0%	**98.3**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2051925**	Issue Date	: 11-Jun-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-61-20	Page	: 1 of 3
Order number	: ----	Date Samples Received	: 03-Jun-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 09-Jun-2020 - 11-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2051925/002, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2051925-001,003, method S-METAXHB1,2 - acid digestion was performed from original wet material.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.5-1m		K15.3-2m		K2.12-3m	
				Laboratory sample ID	PR2051925-001		PR2051925-002		PR2051925-003	
				Client sampling date / time	05-Mar-2020		05-Mar-2020		26-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.1**	± 6.0%	**90.1**	± 6.0%	**83.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1500**	± 20.0%	**----**	----	**17300**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.60**	± 20.0%	**----**	----	**1.49**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**12.3**	± 20.0%	**----**	----	**53.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.052**	± 20.0%	**----**	----	**0.503**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.8**	± 20.0%	**----**	----	**3.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**122000**	± 20.0%	**----**	----	**19900**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**4.14**	± 20.0%	**----**	----	**25.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.77**	± 20.0%	**----**	----	**7.19**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**8.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**1860**	± 20.0%	**----**	----	**16200**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**1.7**	± 20.0%	**----**	----	**4.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**2.0**	± 20.0%	**----**	----	**11.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**2720**	± 20.0%	**----**	----	**3400**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**95.7**	± 20.0%	**----**	----	**354**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**3.9**	± 20.0%	**----**	----	**14.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**98.8**	± 20.0%	**----**	----	**175**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**261**	± 20.0%	**----**	----	**1780**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**150**	± 20.0%	**----**	----	**101**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**329**	± 20.0%	**----**	----	**139**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**650**	± 20.0%	**----**	----	**88.0**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**138**	± 20.0%	**----**	----	**68**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**76.0**	± 20.0%	**----**	----	**660**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**11.4**	± 20.0%	**----**	----	**27.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**8.1**	± 20.0%	**----**	----	**20.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	**7.3**	± 20.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**----**	----

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Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.

Analytical Methods	*Method Descriptions*
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

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The calculation methods of summation parameters are available on request in the client service.

Unit 7-8 Hawarden Business Park
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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	15 May 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200502-25
Your Reference:	KTE-122-20-HAW
Location:	Sde Dov
Report No:	552229

We received 2 samples on Friday May 01, 2020 and 2 of these samples were scheduled for analysis which was completed on Friday May 15, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200502-25	**Client Reference:**	KTE-122-20-HAW	**Report Number:**	552229
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22098662	K2.7		1.00	26/04/2020
22098661	K2.9		0.50	26/04/2020

Maximum Sample/Coolbox Temperature (°C) : **11.4**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200502-25	**Client Reference:**	KTE-122-20-HAW	**Report Number:**	552229
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			22098662	22098661
Customer Sample Reference			K2.7	K2.9
AGS Reference				
Depth (m)			1.00	0.50
Container			125g Glass Jar	125g Glass Jar
Sample Type			S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 1		X
EPH by GCxGC-FID	All	NDPs: 0 Tests: 2	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 1		X
Sample description	All	NDPs: 0 Tests: 2	X	X
Silver	All	NDPs: 0 Tests: 1		X

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22098662	K2.7	1.00	Light Brown	Sand	None	None
22098661	K2.9	0.50	Dark Brown	Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

CERTIFICATE OF ANALYSIS

SDG:	200502-25	**Client Reference:**	KTE-122-20-HAW	**Report Number:**	552229
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K2.7	K2.9				
			Depth (m)	1.00	0.50				
			Sample Type	Soil/Solid (S)	Soil/Solid (S)				
			Date Sampled	26/04/2020	26/04/2020				
			Sample Time	.	.				
			Date Received	01/05/2020	01/05/2020				
			SDG Ref	200502-25	200502-25				
			Lab Sample No.(s)	22098662	22098661				
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		2.6	6.5				
Aluminium	<11 mg/kg	TM181			9990				
Antimony	<0.6 mg/kg	TM181			<0.6 #				
Arsenic	<0.6 mg/kg	TM181			3.99 M				
Barium	<0.6 mg/kg	TM181			74 #				
Beryllium	<0.01 mg/kg	TM181			0.355 M				
Boron	<0.7 mg/kg	TM181			5.01 #				
Cadmium	<0.02 mg/kg	TM181			0.178 M				
Chromium	<0.9 mg/kg	TM181			18 M				
Cobalt	<0.1 mg/kg	TM181			7.14 M				
Copper	<1.4 mg/kg	TM181			8.5 M				
Iron	<1000 mg/kg	TM181			9300 #				
Lead	<0.7 mg/kg	TM181			8.49 M				
Manganese	<0.13 mg/kg	TM181			281 M				
Mercury	<0.14 mg/kg	TM181			<0.14 M				
Molybdenum	<0.1 mg/kg	TM181			0.158 #				
Nickel	<0.2 mg/kg	TM181			13.8 M				
Phosphorus	<1 mg/kg	TM181			173				
Selenium	<1 mg/kg	TM181			<1 #				
Strontium	<0.4 mg/kg	TM181			275 #				
Tin	<0.24 mg/kg	TM181			0.56 #				
Thallium	<0.7 mg/kg	TM181			<0.7 #				
Titanium	<0.1 mg/kg	TM181			406				
Vanadium	<0.2 mg/kg	TM181			30 #				
Zinc	<1.9 mg/kg	TM181			35.3 M				
Bismuth	<1 mg/kg	TM181			<1				
Lithium	<1 mg/kg	TM181			<1				
Tellurium	<1 mg/kg	TM181			<1				
Calcium	<21 mg/kg	TM224			87900				
Sodium	<7 mg/kg	TM224			169				
Magnesium	<8 mg/kg	TM224			8140				
Potassium	<16 mg/kg	TM224			934				
Silver	<10 mg/kg	TM250			<10				

Validated

CERTIFICATE OF ANALYSIS

SDG:	200502-25	**Client Reference:**	KTE-122-20-HAW	**Report Number:**	552229
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K2.7	K2.9			
			Depth (m)	1.00	0.50			
			Sample Type	Soil/Solid (S)	Soil/Solid (S)			
			Date Sampled	26/04/2020	26/04/2020			
			Sample Time	.	.			
			Date Received	01/05/2020	01/05/2020			
			SDG Ref	200502-25	200502-25			
			Lab Sample No.(s)	22098662	22098661			
			AGS Reference					
EPH Surrogate % recovery**	%	TM415		92.6	90.2			
EPH >C10-C40	<35 mg/kg	TM415		<35 @ M	<35 @ M			
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35			
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35			
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35			
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35			
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35			
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35			

CERTIFICATE OF ANALYSIS

SDG:	200502-25	**Client Reference:**	KTE-122-20-HAW	**Report Number:**	552229
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200502-25	**Client Reference:**	KTE-122-20-HAW	**Report Number:**	552229
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22098662	22098661
Customer Sample Ref.	K2.7	K2.9
AGS Ref.		
Depth	1.00	0.50
Type	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)		12-May-2020
EPH by GCxGC-FID	15-May-2020	15-May-2020
Metals in solid samples by OES		14-May-2020
Sample description	09-May-2020	09-May-2020
Silver		12-May-2020

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as “mixed hydrocarbons”. Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as “Not detected”. If no asbestos fibre types are found all will be reported as “Not detected” and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2040489**	Issue Date	: 21-May-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-123-20	Page	: 1 of 19
Order number	: ----	Date Samples Received	: 05-May-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 04-May-2020 - 21-May-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2040489/011, method S-SMVGMS03, S-SVOCSUM01 - (*) = the parameter(s) signed by this symbol couldn't be determined due to complicated matrix.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K2.1-0.5m		K2.1-3m		K2.2-0.5m	
				Laboratory sample ID	PR2040489-001		PR2040489-002		PR2040489-003	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**97.3**	± 6.0%	**81.8**	± 6.0%	**97.8**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1490**	± 20.0%	**----**	----	**910**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.88**	± 20.0%	**----**	----	**1.75**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**13.7**	± 20.0%	**----**	----	**9.84**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.045**	± 20.0%	**----**	----	**0.030**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.3**	± 20.0%	**----**	----	**1.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**64300**	± 20.0%	**----**	----	**68700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**4.63**	± 20.0%	**----**	----	**3.72**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.03**	± 20.0%	**----**	----	**0.65**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**1.6**	± 20.0%	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**2050**	± 20.0%	**----**	----	**1320**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**2.8**	± 20.0%	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.3**	± 20.0%	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1090**	± 20.0%	**----**	----	**810**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**86.6**	± 20.0%	**----**	----	**73.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**9.0**	± 20.0%	**----**	----	**1.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**136**	± 20.0%	**----**	----	**113**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**372**	± 20.0%	**----**	----	**224**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**258**	± 20.0%	**----**	----	**312**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**257**	± 20.0%	**----**	----	**324**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**218**	± 20.0%	**----**	----	**236**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**87**	± 20.0%	**----**	----	**97**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**73.6**	± 20.0%	**----**	----	**43.6**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**17.5**	± 20.0%	**----**	----	**6.00**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**5.0**	± 20.0%	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K2.2-3m		K2.3-0.5m		K2.3-3m	
				Laboratory sample ID	PR2040489-004		PR2040489-005		PR2040489-006	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**79.0**	± 6.0%	**97.6**	± 6.0%	**75.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1160**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.14**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**11.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.039**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.2-3m**		**K2.3-0.5m**		**K2.3-3m**	
				Laboratory sample ID	*PR2040489-004*		*PR2040489-005*		*PR2040489-006*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**62100**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.58**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.77**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1540**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**670**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**71.1**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.4**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**97.2**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**243**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**260**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**231**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**193**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**64**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**59.2**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**5.42**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.4-0.5m**		**K2.4-3m**		**K2.16-0.5m**	
				Laboratory sample ID	*PR2040489-007*		*PR2040489-008*		*PR2040489-009*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**98.2**	± 6.0%	**77.4**	± 6.0%	**96.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**990**	± 20.0%	**----**	----	**949**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.34**	± 20.0%	**----**	----	**1.00**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**9.82**	± 20.0%	**----**	----	**13.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.029**	± 20.0%	**----**	----	**0.026**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**1.6**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**36500**	± 20.0%	**----**	----	**39000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.34**	± 20.0%	**----**	----	**3.30**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.72**	± 20.0%	**----**	----	**0.53**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1340**	± 20.0%	**----**	----	**1230**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**1.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**502**	± 20.0%	**----**	----	**456**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	**K2.4-0.5m**		**K2.4-3m**		**K2.16-0.5m**	
				Laboratory sample ID	*PR2040489-007*		*PR2040489-008*		*PR2040489-009*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Manganese	S-METAXHB1	0.50	mg/kg DW	**61.1**	± 20.0%	**----**	----	**56.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**3.3**	± 20.0%	**----**	----	**2.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**103**	± 20.0%	**----**	----	**111**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**200**	± 20.0%	**----**	----	**147**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**260**	± 20.0%	**----**	----	**303**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**163**	± 20.0%	**----**	----	**159**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**136**	± 20.0%	**----**	----	**131**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**49**	± 20.0%	**----**	----	**48**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**49.9**	± 20.0%	**----**	----	**57.0**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**5.72**	± 20.0%	**----**	----	**5.12**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.16-3m**		**K2.17-0.5m**		**K2.17-3m**	
				Laboratory sample ID	*PR2040489-010*		*PR2040489-011*		*PR2040489-012*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	*	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**78.3**	± 6.0%	**97.2**	± 6.0%	**79.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1040**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.11**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**11.2**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.026**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**33600**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.35**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.61**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1310**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.4**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**478**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**64.3**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.7**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**83.8**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**159**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K2.16-3m		K2.17-0.5m		K2.17-3m	
				Laboratory sample ID	PR2040489-010		PR2040489-011		PR2040489-012	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**295**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**147**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**120**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**43**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**53.2**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**6.50**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	**----**	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K2.16-3m		K2.17-0.5m		K2.17-3m	
				Laboratory sample ID	PR2040489-010		PR2040489-011		PR2040489-012	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Anilines									

Sub-Matrix: **SOIL**				Client sample ID	K2.16-3m		K2.17-0.5m		K2.17-3m	
				Laboratory sample ID	PR2040489-010		PR2040489-011		PR2040489-012	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Anilines - Continued									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1	mg/kg DW	**----**	----	*	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K2.15-0.5m		K2.15-2m		K2.15-3m	
				Laboratory sample ID	PR2040489-013		PR2040489-014		PR2040489-015	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.3**	± 6.0%	**96.9**	± 6.0%	**84.3**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1030**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.00**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**10.3**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.036**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K2.15-0.5m		K2.15-2m		K2.15-3m	
				Laboratory sample ID	PR2040489-013		PR2040489-014		PR2040489-015	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Calcium	S-METAXHB2	50	mg/kg DW	**32600**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.26**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.77**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1370**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**426**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**60.6**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**126**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**200**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**282**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**132**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**114**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**36**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**56.9**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**3.68**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K2.18-0.5m		K2.18-3m		K2.19-0.5m	
				Laboratory sample ID	PR2040489-016		PR2040489-017		PR2040489-018	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.7**	± 6.0%	**95.0**	± 6.0%	**94.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1340**	± 20.0%	**----**	----	**1470**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**0.80**	± 20.0%	**----**	----	**1.44**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**10.5**	± 20.0%	**----**	----	**12.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.059**	± 20.0%	**----**	----	**0.055**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**1.8**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**37500**	± 20.0%	**----**	----	**32400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.96**	± 20.0%	**----**	----	**3.98**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.82**	± 20.0%	**----**	----	**0.94**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**1.4**	± 20.0%	**----**	----	**1.8**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1700**	± 20.0%	**----**	----	**1850**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**1.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**517**	± 20.0%	**----**	----	**530**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**73.3**	± 20.0%	**----**	----	**77.5**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.18-0.5m**		**K2.18-3m**		**K2.19-0.5m**	
				Laboratory sample ID	*PR2040489-016*		*PR2040489-017*		*PR2040489-018*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**1.4**	± 20.0%	**----**	----	**2.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**130**	± 20.0%	**----**	----	**153**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**245**	± 20.0%	**----**	----	**263**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**280**	± 20.0%	**----**	----	**269**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**179**	± 20.0%	**----**	----	**142**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**136**	± 20.0%	**----**	----	**129**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**53**	± 20.0%	**----**	----	**69**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**58.3**	± 20.0%	**----**	----	**59.0**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**3.52**	± 20.0%	**----**	----	**4.32**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.19-3m**		**K2.20-0.5m**		**K2.20-3m**	
				Laboratory sample ID	*PR2040489-019*		*PR2040489-020*		*PR2040489-021*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**88.2**	± 6.0%	**97.3**	± 6.0%	**85.1**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1070**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**10.4**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.040**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.1**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**37900**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**3.52**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.79**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1450**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**468**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**59.6**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**4.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**95.8**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**204**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**270**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**180**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**141**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**54**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.19-3m**		**K2.20-0.5m**		**K2.20-3m**	
				Laboratory sample ID	*PR2040489-019*		*PR2040489-020*		*PR2040489-021*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**49.3**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**8.54**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.21-0.5m**		**K2.21-3m**		**K2.22-0.5m**	
				Laboratory sample ID	*PR2040489-022*		*PR2040489-023*		*PR2040489-024*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.6**	± 6.0%	**94.0**	± 6.0%	**96.3**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**906**	± 20.0%	**----**	----	**3410**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.05**	± 20.0%	**----**	----	**1.16**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**11.1**	± 20.0%	**----**	----	**14.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.036**	± 20.0%	**----**	----	**0.103**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**2.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**30700**	± 20.0%	**----**	----	**78200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.35**	± 20.0%	**----**	----	**6.72**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.73**	± 20.0%	**----**	----	**1.46**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**2.9**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1310**	± 20.0%	**----**	----	**3760**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**1.8**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**2.9**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**429**	± 20.0%	**----**	----	**11000**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**59.5**	± 20.0%	**----**	----	**101**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**6.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**95.7**	± 20.0%	**----**	----	**211**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**170**	± 20.0%	**----**	----	**649**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**274**	± 20.0%	**----**	----	**202**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**124**	± 20.0%	**----**	----	**229**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**108**	± 20.0%	**----**	----	**157**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**40**	± 20.0%	**----**	----	**138**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**53.8**	± 20.0%	**----**	----	**101**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**3.49**	± 20.0%	**----**	----	**11.7**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**17.5**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K2.21-0.5m		K2.21-3m		K2.22-0.5m	
				Laboratory sample ID	PR2040489-022		PR2040489-023		PR2040489-024	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.21-0.5m**		**K2.21-3m**		**K2.22-0.5m**	
				Laboratory sample ID	*PR2040489-022*		*PR2040489-023*		*PR2040489-024*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	**28**	± 30.0%
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----

Sub-Matrix: **SOIL**				Client sample ID	**K2.22-3m**		**K2.14-0.5m**		**K2.14-2m**	
				Laboratory sample ID	*PR2040489-025*		*PR2040489-026*		*PR2040489-027*	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**92.2**	± 6.0%	**96.7**	± 6.0%	**89.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1660**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**1.59**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**11.6**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.038**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.0**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**60000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**4.52**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**0.93**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.9**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1760**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.7**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**8850**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**70.1**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**14.1**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**101**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**249**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**274**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**148**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**127**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**103**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**76.8**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**23.5**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**17.8**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**35**	± 30.0%	**----**	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K2.22-3m		K2.14-0.5m		K2.14-2m	
				Laboratory sample ID	PR2040489-025		PR2040489-026		PR2040489-027	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K2.22-3m		K2.14-0.5m		K2.14-2m	
				Laboratory sample ID	PR2040489-025		PR2040489-026		PR2040489-027	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
Styrene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----

Sub-Matrix: **SOIL**				Client sample ID	K2.14-3m		K2.23-0.5m		K2.23-4.5m	
				Laboratory sample ID	PR2040489-028		PR2040489-029		PR2040489-030	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**89.2**	± 6.0%	**95.4**	± 6.0%	**88.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2750**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**0.55**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**16.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.074**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.2**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**33900**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.94**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.20**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.2**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**3010**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.6**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.3**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**3780**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**99.6**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**157**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**454**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**258**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**118**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**89.4**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**77**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**95.8**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**13.2**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**15.1**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K2.14-3m		K2.23-0.5m		K2.23-4.5m	
				Laboratory sample ID	PR2040489-028		PR2040489-029		PR2040489-030	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	**81**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K2.14-3m		K2.23-0.5m		K2.23-4.5m	
				Laboratory sample ID	PR2040489-028		PR2040489-029		PR2040489-030	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		27-Apr-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----

Sub-Matrix: **SOIL**				Client sample ID	TB		K2.1-0.5m-DUP		----	
				Laboratory sample ID	PR2040489-032		PR2040489-033		----	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**----**	----	**96.1**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	<12	----	**----**	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg	<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg	<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS06	10	µg/kg	<10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Chloroform	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Chloromethane	S-VOCGMS06	10	µg/kg	<10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg	<5.0	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS06	10	µg/kg	<10	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	TB		K2.1-0.5m-DUP		----	
				Laboratory sample ID	PR2040489-032		PR2040489-033		----	
				Client sampling date / time	27-Apr-2020		27-Apr-2020		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg		<10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds										
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg		<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg		<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg		**36**	± 30.0%	----	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg		<5.0	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Naphthalene	S-VOCGMS06	10	µg/kg		<10	----	----	----	----	----

Sub-Matrix: **WATER**

				Client sample ID	FB		----		----	
				Laboratory sample ID	PR2040489-031		----		----	
				Client sampling date / time	27-Apr-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations										
Aluminium	W-METAXFX1	0.010	mg/L		**0.026**	± 10.0%	----	----	----	----
Antimony	W-METAXFX1	0.010	mg/L		<0.010	----	----	----	----	----
Arsenic	W-METAXFX1	0.0050	mg/L		<0.0050	----	----	----	----	----
Barium	W-METAXFX1	0.00050	mg/L		**0.0516**	± 10.0%	----	----	----	----
Beryllium	W-METAXFX1	0.00020	mg/L		<0.00020	----	----	----	----	----
Bismuth	W-METAXFX2	0.010	mg/L		<0.010	----	----	----	----	----
Boron	W-METAXFX1	0.010	mg/L		**0.125**	± 10.0%	----	----	----	----
Cadmium	W-METAXFX1	0.00040	mg/L		<0.00040	----	----	----	----	----
Calcium	W-METAXFX1	0.0050	mg/L		**48.0**	± 10.0%	----	----	----	----
Chromium	W-METAXFX1	0.0010	mg/L		<0.0010	----	----	----	----	----
Cobalt	W-METAXFX1	0.0020	mg/L		<0.0020	----	----	----	----	----
Copper	W-METAXFX1	0.0010	mg/L		**0.0016**	± 10.0%	----	----	----	----
Iron	W-METAXFX1	0.0020	mg/L		**0.0320**	± 10.0%	----	----	----	----
Lead	W-METAXFX1	0.0050	mg/L		<0.0050	----	----	----	----	----
Lithium	W-METAXFX1	0.0010	mg/L		**0.0114**	± 10.0%	----	----	----	----
Magnesium	W-METAXFX1	0.0030	mg/L		**29.1**	± 10.0%	----	----	----	----
Manganese	W-METAXFX1	0.00050	mg/L		**0.00170**	± 10.0%	----	----	----	----
Mercury	W-HG-AFSFXL	0.0020	µg/L		**0.0021**	± 10.0%	----	----	----	----
Molybdenum	W-METAXFX1	0.0020	mg/L		**0.0024**	± 10.0%	----	----	----	----
Nickel	W-METAXFX1	0.0020	mg/L		<0.0020	----	----	----	----	----
Phosphorus	W-METAXFX1	0.050	mg/L		<0.050	----	----	----	----	----
Potassium	W-METAXFX1	0.015	mg/L		**7.87**	± 10.0%	----	----	----	----
Selenium	W-METAXFX1	0.010	mg/L		<0.010	----	----	----	----	----
Silicon	W-METAXFX2	0.010	mg/L		**4.04**	± 10.0%	----	----	----	----
Silver	W-METAXFX1	0.0010	mg/L		<0.0010	----	----	----	----	----
Sodium	W-METAXFX1	0.030	mg/L		**120**	± 10.0%	----	----	----	----
Strontium	W-METAXFX2	0.0010	mg/L		**0.529**	± 10.0%	----	----	----	----

Sub-Matrix: **WATER**				Client sample ID	FB		----		----	
				Laboratory sample ID	PR2040489-031		----		----	
				Client sampling date / time	27-Apr-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations - Continued									
Sulphur	W-METAXFX2	0.060	mg/L	**15.6**	± 10.0%	**----**	----	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Titanium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Vanadium	W-METAXFX1	0.0010	mg/L	**0.0011**	± 10.0%	**----**	----	**----**	----
Zinc	W-METAXFX1	0.0020	mg/L	**0.0755**	± 10.0%	**----**	----	**----**	----
Zirconium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L	<30	----	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L	<35	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Acenaphthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Fluorene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Phenanthrene	W-SMVGMS05	0.020	µg/L	<0.020	----	**----**	----	**----**	----
Anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benz(a)anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Chrysene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(a)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(b)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(k)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(a)pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Sum of 16 PAH	W-SMVGMS05	0.19	µg/L	<0.19	----	**----**	----	**----**	----
Sum of 17 PAH	W-SMVGMS05	0.20	µg/L	<0.20	----	**----**	----	**----**	----
Naphthalene	W-SMVGMS05	0.030	µg/L	<0.030	----	**----**	----	**----**	----
PCBs									
PCB 28	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 52	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 101	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 118	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 138	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 153	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 180	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Sum of 7 PCBs	W-SMVGMS05	0.070	µg/L	<0.070	----	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.

Analytical Methods	*Method Descriptions*
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS06	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-SMVGMS05	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN ISO 6468, US EPA 8000D, samples preparation as per CZ_SOP_D06_03_P01 chap. 9.1, 9.4.1. Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	15 May 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200502-21
Your Reference:	KTE-123-20-HAW
Location:	Sde Dov
Report No:	552226

We received 3 samples on Friday May 01, 2020 and 3 of these samples were scheduled for analysis which was completed on Friday May 15, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200502-21	**Client Reference:**	KTE-123-20-HAW	**Report Number:**	552226
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22098437	K2.2		0.50	27/04/2020
22098435	K2.17		0.50	27/04/2020
22098438	K2.22		0.50	27/04/2020

Maximum Sample/Coolbox Temperature (°C) : **17.6**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200502-21	**Client Reference:**	KTE-123-20-HAW	**Report Number:**	552226
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

			Lab Sample No(s)		
			2209437	2209435	2209438
			Customer Sample Reference		
			K2.2	K2.17	K2.22
			AGS Reference		
			Depth (m)		
			0.50	0.50	0.50
			Container		
			125g Glass Jar	125g Glass Jar	125g Glass Jar
			Sample Type		
			S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 1	X		
EPH by GCxGC-FID	All	NDPs: 0 Tests: 3	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 1	X		
Sample description	All	NDPs: 0 Tests: 3	X	X	X
Silver	All	NDPs: 0 Tests: 1	X		

CERTIFICATE OF ANALYSIS

SDG:	200502-21	**Client Reference:**	KTE-123-20-HAW	**Report Number:**	552226
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22098437	K2.2	0.50	Light Brown	Sand	None	None
22098435	K2.17	0.50	Light Brown	Sand	None	None
22098438	K2.22	0.50	Dark Brown	Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

CERTIFICATE OF ANALYSIS

SDG:	200502-21	**Client Reference:**	KTE-123-20-HAW	**Report Number:**	552226
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K2.2	K2.17	K2.22
			Depth (m)	0.50	0.50	0.50
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
			Date Sampled	27/04/2020	27/04/2020	27/04/2020
			Sample Time	.	.	.
			Date Received	01/05/2020	01/05/2020	01/05/2020
			SDG Ref	200502-21	200502-21	200502-21
			Lab Sample No.(s)	22098437	22098435	22098438
			AGS Reference			
Moisture Content Ratio (% of as received sample)	%	PM024		1.6	1.2	3.3
Aluminium	<11 mg/kg	TM181		500		
Antimony	<0.6 mg/kg	TM181		<0.6 #		
Arsenic	<0.6 mg/kg	TM181		1.37 M		
Barium	<0.6 mg/kg	TM181		8.68 #		
Beryllium	<0.01 mg/kg	TM181		0.0378 M		
Boron	<0.7 mg/kg	TM181		<0.7 #		
Cadmium	<0.02 mg/kg	TM181		0.0397 M		
Chromium	<0.9 mg/kg	TM181		3.31 M		
Cobalt	<0.1 mg/kg	TM181		0.635 M		
Copper	<1.4 mg/kg	TM181		<1.4 M		
Iron	<1000 mg/kg	TM181		<10000 #		
Lead	<0.7 mg/kg	TM181		<0.7 M		
Manganese	<0.13 mg/kg	TM181		60.6 M		
Mercury	<0.14 mg/kg	TM181		<0.14 M		
Molybdenum	<0.1 mg/kg	TM181		<0.1 #		
Nickel	<0.2 mg/kg	TM181		1.66 M		
Phosphorus	<1 mg/kg	TM181		104		
Selenium	<1 mg/kg	TM181		<1 #		
Strontium	<0.4 mg/kg	TM181		168 #		
Tin	<0.24 mg/kg	TM181		<0.24 #		
Thallium	<0.7 mg/kg	TM181		<0.7 #		
Titanium	<0.1 mg/kg	TM181		36.2		
Vanadium	<0.2 mg/kg	TM181		5.7 #		
Zinc	<1.9 mg/kg	TM181		3.51 M		
Bismuth	<1 mg/kg	TM181		107		
Lithium	<1 mg/kg	TM181		1.28		
Tellurium	<1 mg/kg	TM181		<1		
Calcium	<21 mg/kg	TM224		38800		
Sodium	<7 mg/kg	TM224		194		
Magnesium	<8 mg/kg	TM224		1580		
Potassium	<16 mg/kg	TM224		183		
Silver	<10 mg/kg	TM250		<10		

Validated

CERTIFICATE OF ANALYSIS

SDG:	200502-21	**Client Reference:**	KTE-123-20-HAW	**Report Number:**	552226
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K2.2	K2.17	K2.22			
			Depth (m)	0.50	0.50	0.50			
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)			
			Date Sampled	27/04/2020	27/04/2020	27/04/2020			
			Sample Time	.	.	.			
			Date Received	01/05/2020	01/05/2020	01/05/2020			
			SDG Ref	200502-21	200502-21	200502-21			
			Lab Sample No.(s)	22098437	22098435	22098438			
			AGS Reference						
EPH Surrogate % recovery**	%	TM415		91.8	93.4	93			
EPH >C10-C40	<35 mg/kg	TM415		<35 @ M	<35 @ M	<35 @ M			
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35	<35			
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35	<35			

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

Validated

CERTIFICATE OF ANALYSIS

SDG:	200502-21	**Client Reference:**	KTE-123-20-HAW	**Report Number:**	552226
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22098437	22098435	22098438
Customer Sample Ref.	K2.2	K2.17	K2.22
AGS Ref.			
Depth	0.50	0.50	0.50
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	12-May-2020		
EPH by GCxGC-FID	15-May-2020	15-May-2020	15-May-2020
Metals in solid samples by OES	14-May-2020		
Sample description	09-May-2020	09-May-2020	09-May-2020
Silver	12-May-2020		

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as “mixed hydrocarbons”. Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as “Not detected”. If no asbestos fibre types are found all will be reported as “Not detected” and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2055345**	Issue Date	: 24-Jun-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-171-20	Page	: 1 of 12
Order number	: ----	Date Samples Received	: 11-Jun-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 13-Jun-2020 - 24-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2055345/001, 012, 013, 015, 016, 028, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K1.27-0.5m Laboratory sample ID: PR2055345-001 Client sampling date / time: 08-Jun-2020		Client sample ID: K1.27-1m Laboratory sample ID: PR2055345-002 Client sampling date / time: 08-Jun-2020		Client sample ID: K1.1-0.5m Laboratory sample ID: PR2055345-003 Client sampling date / time: 08-Jun-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**94.0**	± 6.0%	**93.4**	± 6.0%	**90.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**7150**	± 20.0%	**----**	----	**26700**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**0.59**	± 20.0%	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.65**	± 20.0%	**----**	----	**1.65**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**38.9**	± 20.0%	**----**	----	**99.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.177**	± 20.0%	**----**	----	**0.735**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**4.1**	± 20.0%	**----**	----	**5.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**0.42**	± 20.0%	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**191000**	± 20.0%	**----**	----	**30200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**11.9**	± 20.0%	**----**	----	**38.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**2.79**	± 20.0%	**----**	----	**11.6**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**7.3**	± 20.0%	**----**	----	**17.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**6860**	± 20.0%	**----**	----	**24200**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**9.7**	± 20.0%	**----**	----	**13.0**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**10.0**	± 20.0%	**----**	----	**19.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**27400**	± 20.0%	**----**	----	**6060**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**133**	± 20.0%	**----**	----	**559**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**1.70**	± 20.0%	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**12.3**	± 20.0%	**----**	----	**42.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**126**	± 20.0%	**----**	----	**139**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**913**	± 20.0%	**----**	----	**1690**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**199**	± 20.0%	**----**	----	**238**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**343**	± 20.0%	**----**	----	**296**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**197**	± 20.0%	**----**	----	**119**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**268**	± 20.0%	**----**	----	**104**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**239**	± 20.0%	**----**	----	**1090**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**21.2**	± 20.0%	**----**	----	**152**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**70.2**	± 20.0%	**----**	----	**33.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**9.5**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**14**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K1.1-3m Laboratory sample ID: PR2055345-004 Client sampling date / time: 08-Jun-2020		Client sample ID: K1.2-0.5m Laboratory sample ID: PR2055345-005 Client sampling date / time: 08-Jun-2020		Client sample ID: K1.2-3m Laboratory sample ID: PR2055345-006 Client sampling date / time: 08-Jun-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.3**	± 6.0%	**97.5**	± 6.0%	**95.3**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**5950**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.39**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**26.7**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.148**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K1.1-3m		K1.2-0.5m		K1.2-3m	
				Laboratory sample ID	PR2055345-004		PR2055345-005		PR2055345-006	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.8**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**169000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**8.61**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**2.31**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.0**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**5460**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.2**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.5**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1750**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**130**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**109**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**500**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**220**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**91**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**321**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**93**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**214**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**11.8**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**10.4**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K1.4-0.5m		K1.4-3m		K1.3-0.5m	
				Laboratory sample ID	PR2055345-007		PR2055345-008		PR2055345-009	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**84.7**	± 6.0%	**76.9**	± 6.0%	**96.0**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**26400**	± 20.0%	**----**	----	**4380**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.99**	± 20.0%	**----**	----	**1.24**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**98.9**	± 20.0%	**----**	----	**19.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.789**	± 20.0%	**----**	----	**0.091**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**4.9**	± 20.0%	**----**	----	**1.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**7910**	± 20.0%	**----**	----	**12700**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**39.3**	± 20.0%	**----**	----	**8.75**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**13.4**	± 20.0%	**----**	----	**2.48**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**12.4**	± 20.0%	**----**	----	**2.0**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**24100**	± 20.0%	**----**	----	**4820**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**5.9**	± 20.0%	**----**	----	**1.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**18.3**	± 20.0%	**----**	----	**2.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**4240**	± 20.0%	**----**	----	**939**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K1.4-0.5m		K1.4-3m		K1.3-0.5m	
				Laboratory sample ID	PR2055345-007		PR2055345-008		PR2055345-009	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Manganese	S-METAXHB1	0.50	mg/kg DW		**638**	± 20.0%	**----**	----	**121**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**23.6**	± 20.0%	**----**	----	**4.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**85.2**	± 20.0%	**----**	----	**94.4**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**1530**	± 20.0%	**----**	----	**301**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**250**	± 20.0%	**----**	----	**273**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**138**	± 20.0%	**----**	----	**88**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**86.2**	± 20.0%	**----**	----	**103**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**49**	± 20.0%	**----**	----	<30	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**1050**	± 20.0%	**----**	----	**362**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**43.7**	± 20.0%	**----**	----	**8.97**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**27.6**	± 20.0%	**----**	----	**5.4**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**10.8**	± 20.0%	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	<10	----	**13**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K1.3-3m		K1.31-0.5m		K1.31-2m	
				Laboratory sample ID	PR2055345-010		PR2055345-011		PR2055345-012	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**77.9**	± 6.0%	**97.0**	± 6.0%	**86.8**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1620**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**1.52**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**12.0**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.055**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**23200**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**4.22**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**0.89**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.2**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**1650**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.2**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**684**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**38.4**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**95.1**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**198**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**268**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**92**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K1.3-3m**		**K1.31-0.5m**		**K1.31-2m**	
				Laboratory sample ID	*PR2055345-010*		*PR2055345-011*		*PR2055345-012*	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**79.0**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**34**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**87.1**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**3.72**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**450**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**68**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	**K1.18-0.5m**		**K1.18-3m**		**K1.11-0.5m**	
				Laboratory sample ID	*PR2055345-013*		*PR2055345-014*		*PR2055345-015*	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.9**	± 6.0%	**79.9**	± 6.0%	**88.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2000**	± 20.0%	**----**	----	**4530**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.16**	± 20.0%	**----**	----	<0.50	----
Barium	S-METAXHB1	0.20	mg/kg DW	**7.92**	± 20.0%	**----**	----	**30.9**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.046**	± 20.0%	**----**	----	**0.144**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.8**	± 20.0%	**----**	----	**8.0**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**210000**	± 20.0%	**----**	----	**251000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.11**	± 20.0%	**----**	----	**7.93**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.71**	± 20.0%	**----**	----	**1.21**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**2.1**	± 20.0%	**----**	----	**5.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1320**	± 20.0%	**----**	----	**2330**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**2.4**	± 20.0%	**----**	----	**1.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.6**	± 20.0%	**----**	----	**8.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**69100**	± 20.0%	**----**	----	**90400**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**58.7**	± 20.0%	**----**	----	**54.0**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**0.78**	± 20.0%	**----**	----	**1.15**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**2.5**	± 20.0%	**----**	----	**6.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**75.4**	± 20.0%	**----**	----	**228**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**323**	± 20.0%	**----**	----	**732**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**249**	± 20.0%	**----**	----	**198**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**269**	± 20.0%	**----**	----	**556**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**181**	± 20.0%	**----**	----	**147**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**307**	± 20.0%	**----**	----	**1290**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**61.5**	± 20.0%	**----**	----	**207**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**7.67**	± 20.0%	**----**	----	**16.6**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**9.5**	± 20.0%
Total Petroleum Hydrocarbons									

Sub-Matrix: SOIL				Client sample ID	K1.18-0.5m		K1.18-3m		K1.11-0.5m	
				Laboratory sample ID	PR2055345-013		PR2055345-014		PR2055345-015	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**32**	± 30.0%	<10	----	**14**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K1.11-3m		K15.54-3m		K15.58-2-0.5m	
				Laboratory sample ID	PR2055345-016		PR2055345-017		PR2055345-018	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**79.9**	± 6.0%	**95.5**	± 6.0%	**97.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**4450**	± 20.0%	**2360**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**6.81**	± 20.0%	**1.68**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**21.8**	± 20.0%	**16.1**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.114**	± 20.0%	**0.069**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3.6**	± 20.0%	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	**0.62**	± 20.0%	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**79500**	± 20.0%	**68000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**10.1**	± 20.0%	**5.67**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**3.32**	± 20.0%	**1.25**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**30.8**	± 20.0%	**3.9**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**13700**	± 20.0%	**2290**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**8.0**	± 20.0%	**3.9**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**4.7**	± 20.0%	**2.5**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1980**	± 20.0%	**1550**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**165**	± 20.0%	**107**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**11.4**	± 20.0%	**8.5**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**127**	± 20.0%	**109**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**527**	± 20.0%	**349**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**225**	± 20.0%	**245**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**325**	± 20.0%	**222**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**358**	± 20.0%	**314**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**185**	± 20.0%	**126**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**202**	± 20.0%	**118**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**20.5**	± 20.0%	**15.2**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**49.2**	± 20.0%	**8.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**20**	± 30.0%	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**----**	----	**----**	----

Sub-Matrix: SOIL				Client sample ID	K15.58-2-3m		K15.54-1-0.5m		K15.54-1-3m	
				Laboratory sample ID	PR2055345-019		PR2055345-020		PR2055345-021	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.7**	± 6.0%	**96.3**	± 6.0%	**96.8**	± 6.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.58-2-3m		K15.54-1-0.5m		K15.54-1-3m	
				Laboratory sample ID	PR2055345-019		PR2055345-020		PR2055345-021	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**903**	± 20.0%	**3490**	± 20.0%	**896**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.56**	± 20.0%	**2.17**	± 20.0%	**2.60**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**11.1**	± 20.0%	**16.5**	± 20.0%	**10.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.031**	± 20.0%	**0.090**	± 20.0%	**0.034**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.4**	± 20.0%	**2.1**	± 20.0%	**1.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**91000**	± 20.0%	**76200**	± 20.0%	**83600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.41**	± 20.0%	**7.07**	± 20.0%	**3.70**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.51**	± 20.0%	**1.66**	± 20.0%	**0.64**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**2.0**	± 20.0%	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**1330**	± 20.0%	**3830**	± 20.0%	**1350**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**2.1**	± 20.0%	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**1.2**	± 20.0%	**3.9**	± 20.0%	**1.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**870**	± 20.0%	**2190**	± 20.0%	**979**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**80.1**	± 20.0%	**131**	± 20.0%	**81.4**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**10.2**	± 20.0%	<1.0	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**96.3**	± 20.0%	**107**	± 20.0%	**113**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**146**	± 20.0%	**420**	± 20.0%	**146**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**318**	± 20.0%	**212**	± 20.0%	**260**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**360**	± 20.0%	**224**	± 20.0%	**306**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**375**	± 20.0%	**371**	± 20.0%	**288**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**122**	± 20.0%	**114**	± 20.0%	**108**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**43.8**	± 20.0%	**184**	± 20.0%	**47.1**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**2.87**	± 20.0%	**16.6**	± 20.0%	**2.77**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		<3.0	----	**5.6**	± 20.0%	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.58-3m		K15.58-3-0.5m		K15.58-3-3m	
				Laboratory sample ID	PR2055345-022		PR2055345-023		PR2055345-024	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**96.8**	± 6.0%	**94.0**	± 6.0%	**96.3**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**1060**	± 20.0%	**1930**	± 20.0%	**1020**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**2.39**	± 20.0%	**2.94**	± 20.0%	**0.87**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**13.0**	± 20.0%	**17.8**	± 20.0%	**9.97**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.036**	± 20.0%	**0.058**	± 20.0%	**0.031**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**1.4**	± 20.0%	**2.1**	± 20.0%	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**86500**	± 20.0%	**122000**	± 20.0%	**44300**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**3.36**	± 20.0%	**4.93**	± 20.0%	**3.36**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**0.75**	± 20.0%	**1.05**	± 20.0%	**0.69**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**8.3**	± 20.0%	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW		**1500**	± 20.0%	**2110**	± 20.0%	**1310**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.58-3m		K15.58-3-0.5m		K15.58-3-3m	
				Laboratory sample ID	PR2055345-022		PR2055345-023		PR2055345-024	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**5.6**	± 20.0%	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**2.4**	± 20.0%	**1.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**990**	± 20.0%	**4950**	± 20.0%	**533**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**107**	± 20.0%	**106**	± 20.0%	**60.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**4.7**	± 20.0%	<1.0	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**107**	± 20.0%	**143**	± 20.0%	**87.4**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**165**	± 20.0%	**309**	± 20.0%	**160**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**247**	± 20.0%	**231**	± 20.0%	**265**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**279**	± 20.0%	**437**	± 20.0%	**190**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**345**	± 20.0%	**398**	± 20.0%	**176**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**107**	± 20.0%	**237**	± 20.0%	**76**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**56.2**	± 20.0%	**99.6**	± 20.0%	**54.3**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**3.21**	± 20.0%	**9.39**	± 20.0%	**2.52**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**17.2**	± 20.0%	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.58-1-0.5m		K15.58-1-3m		K1.27-0.5m-DUP	
				Laboratory sample ID	PR2055345-025		PR2055345-026		PR2055345-028	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.1**	± 6.0%	**97.1**	± 6.0%	**95.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1920**	± 20.0%	**841**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.13**	± 20.0%	**1.33**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**18.5**	± 20.0%	**8.88**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.054**	± 20.0%	**0.025**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.0**	± 20.0%	<1.0	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**108000**	± 20.0%	**49600**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**30.0**	± 20.0%	**3.27**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.18**	± 20.0%	**0.69**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**69.8**	± 20.0%	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**4550**	± 20.0%	**1120**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**21.4**	± 20.0%	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.2**	± 20.0%	**1.0**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1670**	± 20.0%	**549**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**129**	± 20.0%	**63.6**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**9.70**	± 20.0%	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**5.6**	± 20.0%	<1.0	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**126**	± 20.0%	**75.9**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**301**	± 20.0%	**132**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**210**	± 20.0%	**268**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**339**	± 20.0%	**243**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.58-1-0.5m		K15.58-1-3m		K1.27-0.5m-DUP	
				Laboratory sample ID	PR2055345-025		PR2055345-026		PR2055345-028	
				Client sampling date / time	08-Jun-2020		08-Jun-2020		08-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Strontium	S-METAXHB1	0.10	mg/kg DW	**419**	± 20.0%	**189**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**141**	± 20.0%	**76**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**102**	± 20.0%	**42.6**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**16.1**	± 20.0%	**2.19**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**49.4**	± 20.0%	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	**----**	----	**23**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	**----**	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K1.31-0.5m DUP		----		----	
				Laboratory sample ID	PR2055345-029		----		----	
				Client sampling date / time	08-Jun-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.0**	± 6.0%	**----**	----	**----**	----
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1550**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.74**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**11.7**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.051**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**23200**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.05**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.85**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1590**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.7**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**689**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**44.9**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.8**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**89.2**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**195**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**233**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**82**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**71.6**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**31**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**90.4**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**3.77**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**3.6**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	**FB**		**----**		**----**	
				Laboratory sample ID	*PR2055345-027*		----		----	
				Client sampling date / time	08-Jun-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations									
Aluminium	W-METAXFX1	0.010	mg/L	**0.030**	± 10.0%	**----**	----	**----**	----
Antimony	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Arsenic	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Barium	W-METAXFX1	0.00050	mg/L	**0.0538**	± 10.0%	**----**	----	**----**	----
Beryllium	W-METAXFX1	0.00020	mg/L	<0.00020	----	**----**	----	**----**	----
Bismuth	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Boron	W-METAXFX1	0.010	mg/L	**0.112**	± 10.0%	**----**	----	**----**	----
Cadmium	W-METAXFX1	0.00040	mg/L	<0.00040	----	**----**	----	**----**	----
Calcium	W-METAXFX1	0.0050	mg/L	**48.6**	± 10.0%	**----**	----	**----**	----
Chromium	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Cobalt	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Copper	W-METAXFX1	0.0010	mg/L	**0.0017**	± 10.0%	**----**	----	**----**	----
Iron	W-METAXFX1	0.0020	mg/L	**0.211**	± 10.0%	**----**	----	**----**	----
Lead	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Lithium	W-METAXFX1	0.0010	mg/L	**0.0118**	± 10.0%	**----**	----	**----**	----
Magnesium	W-METAXFX1	0.0030	mg/L	**33.8**	± 10.0%	**----**	----	**----**	----
Manganese	W-METAXFX1	0.00050	mg/L	**0.00264**	± 10.0%	**----**	----	**----**	----
Mercury	W-HG-AFSFXL	0.0020	µg/L	<0.0020	----	**----**	----	**----**	----
Molybdenum	W-METAXFX1	0.0020	mg/L	**0.0032**	± 10.0%	**----**	----	**----**	----
Nickel	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Phosphorus	W-METAXFX1	0.050	mg/L	<0.050	----	**----**	----	**----**	----
Potassium	W-METAXFX1	0.015	mg/L	**8.84**	± 10.0%	**----**	----	**----**	----
Selenium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Silicon	W-METAXFX2	0.010	mg/L	**4.10**	± 10.0%	**----**	----	**----**	----
Silver	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Sodium	W-METAXFX1	0.030	mg/L	**132**	± 10.0%	**----**	----	**----**	----
Strontium	W-METAXFX2	0.0010	mg/L	**0.575**	± 10.0%	**----**	----	**----**	----
Sulphur	W-METAXFX2	0.060	mg/L	**15.8**	± 10.0%	**----**	----	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Titanium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Vanadium	W-METAXFX1	0.0010	mg/L	**0.0016**	± 10.0%	**----**	----	**----**	----
Zinc	W-METAXFX1	0.0020	mg/L	**0.139**	± 10.0%	**----**	----	**----**	----
Zirconium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L	<30	----	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L	<35	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Acenaphthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Fluorene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Phenanthrene	W-SMVGMS05	0.020	µg/L	<0.020	----	**----**	----	**----**	----
Anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benz(a)anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Chrysene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(a)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(b)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(k)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(a)pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Sum of 16 PAH	W-SMVGMS05	0.19	µg/L	<0.19	----	**----**	----	**----**	----
Sum of 17 PAH	W-SMVGMS05	0.20	µg/L	<0.20	----	**----**	----	**----**	----
Naphthalene	W-SMVGMS05	0.030	µg/L	<0.030	----	**----**	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	FB		----		----	
				Laboratory sample ID	PR2055345-027		----		----	
				Client sampling date / time	08-Jun-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
PCBs									
PCB 28	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 52	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 101	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 118	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 138	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 153	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
PCB 180	W-SMVGMS05	0.010	µg/L	<0.010	----	**----**	----	**----**	----
Sum of 7 PCBs	W-SMVGMS05	0.070	µg/L	<0.070	----	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-SMVGMS05	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN ISO 6468, US EPA 8000D, samples preparation as per CZ_SOP_D06_03_P01 chap. 9.1, 9.4.1. Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

Unit 7-8 Hawarden Business Park
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Website: www.alsenvironmental.co.uk

Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	29 June 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200612-37
Your Reference:	KTE-171-20-HAW
Location:	Sde Dov
Report No:	557070

We received 2 samples on Thursday June 11, 2020 and 2 of these samples were scheduled for analysis which was completed on Monday June 29, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22292561	K1-3-0.5m-soil		0.50	08/06/2020
22292560	K1-27-0.5m-soil		0.50	08/06/2020

Maximum Sample/Coolbox Temperature (°C) : **13.2**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			22292561	22292560
Customer Sample Reference			K1-3-0.5m-soil	K1-27-0.5m-soil
AGS Reference				
Depth (m)			0.50	0.50
Container			60ml Amber Glass Jar	60ml Amber Glass Jar
Sample Type			S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 1 Tests: 1	N	
				X
EPH by GCxGC-FID	All	NDPs: 1 Tests: 1	N	
				X
Metals in solid samples by OES	All	NDPs: 0 Tests: 1		
				X
Sample description	All	NDPs: 0 Tests: 2		
			X	X
Silver	All	NDPs: 1 Tests: 1	N	
				X

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22292561	K1-3-0.5m-soil	0.50	Light Brown	Sand	None	None
22292560	K1-27-0.5m-soil	0.50	Dark Brown	Loamy Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+$@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K1-27-0.5m-soil
			Depth (m)	0.50
			Sample Type	Soil/Solid (S)
			Date Sampled	08/06/2020
			Sample Time	.
			Date Received	11/06/2020
			SDG Ref	200612-37
			Lab Sample No.(s)	22292560
			AGS Reference	
Moisture Content Ratio (% of as received sample)	%	PM024		3.4
Aluminium	<11 mg/kg	TM181		9830
Antimony	<0.6 mg/kg	TM181		<0.6 #
Arsenic	<0.6 mg/kg	TM181		5.13 M
Barium	<0.6 mg/kg	TM181		48.6 #
Beryllium	<0.01 mg/kg	TM181		0.336 M
Boron	<0.7 mg/kg	TM181		3.1 #
Cadmium	<0.02 mg/kg	TM181		0.306 M
Chromium	<0.9 mg/kg	TM181		16.7 M
Cobalt	<0.1 mg/kg	TM181		13.4 M
Copper	<1.4 mg/kg	TM181		6.31 M
Iron	<1000 mg/kg	TM181		10300 #
Lead	<0.7 mg/kg	TM181		12.6 M
Manganese	<0.13 mg/kg	TM181		230 M
Mercury	<0.14 mg/kg	TM181		<0.14 M
Molybdenum	<0.1 mg/kg	TM181		<0.1 #
Nickel	<0.2 mg/kg	TM181		20.3 M
Phosphorus	<1 mg/kg	TM181		192
Selenium	<1 mg/kg	TM181		<1 #
Strontium	<0.4 mg/kg	TM181		241 #
Tin	<0.24 mg/kg	TM181		0.641 #
Thallium	<0.7 mg/kg	TM181		<0.7 #
Titanium	<0.1 mg/kg	TM181		341
Vanadium	<0.2 mg/kg	TM181		35.4 #
Zinc	<1.9 mg/kg	TM181		116 M
Bismuth	<1 mg/kg	TM181		<1
Lithium	<1 mg/kg	TM181		18.7
Tellurium	<1 mg/kg	TM181		<1
Calcium	<21 mg/kg	TM224		77600
Sodium	<7 mg/kg	TM224		237
Magnesium	<8 mg/kg	TM224		6470
Potassium	<16 mg/kg	TM224		934
Silver	<10 mg/kg	TM250		<10

Validated

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref. K1-27-0.5m-soil	Depth (m) 0.50	Sample Type Soil/Solid (S)	Date Sampled 08/06/2020	Sample Time .	Date Received 11/06/2020	SDG Ref 200612-37	Lab Sample No.(s) 22292560	AGS Reference
EPH Surrogate % recovery**	%	TM415	98.4								
EPH >C10-C40	<35 mg/kg	TM415	<35 M								
EPH Band >C10-C12	<35 mg/kg	TM415	<35								
EPH Band >C12-C16	<35 mg/kg	TM415	<35								
EPH Band >C16-C21	<35 mg/kg	TM415	<35								
EPH Band >C21-C28	<35 mg/kg	TM415	<35								
EPH Band >C28-C35	<35 mg/kg	TM415	<35								
EPH Band >C35-C40	<35 mg/kg	TM415	<35								

Validated

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Notification of NDPs (No determination possible)

Date Received : 12/06/2020 09:09:09

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
22292561	K1-3-0.5m-soil	0.50	EPH by GCxGC-FID	Insufficient Sample
22292561	K1-3-0.5m-soil	0.50	Silver	Insufficient Sample
22292561	K1-3-0.5m-soil	0.50	Alkali Metals by iCap-OES (Soil)	Insufficient Sample

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200612-37	**Client Reference:**	KTE-171-20-HAW	**Report Number:**	557070
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22292561	22292560
Customer Sample Ref.	K1-3-0.5m-soil	K1-27-0.5m-soil
AGS Ref.		
Depth	0.50	0.50
Type	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)		18-Jun-2020
EPH by GCxGC-FID		29-Jun-2020
Metals in solid samples by OES		18-Jun-2020
Sample description	15-Jun-2020	15-Jun-2020
Silver		18-Jun-2020

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as “mixed hydrocarbons”. Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as “Not detected”. If no asbestos fibre types are found all will be reported as “Not detected” and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2055349**	Issue Date	: 06-Jul-2020
Amendment	: **1**		
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-173-20	Page	: 1 of 30
Order number	: ----	Date Samples Received	: 11-Jun-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 13-Jun-2020 - 24-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2055349/032, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2055349/001,022-024,031,034 method S-SMVGMS03 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2055349/018, method S-CLPGMS01, S-SVOCSUM01 - LOR for particular sample(s) raised due to matrix interference.

Amendment No. 1: Samples ID changed. This report replaces CoA PR2055349 issued on 24-Jun-2020.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.32-3m		K15.31-2-1m		K15.31-2-3m	
				Laboratory sample ID	PR2055349-001		PR2055349-002		PR2055349-003	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	**----**	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.4**	± 6.0%	**97.2**	± 6.0%	**95.9**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2000**	± 20.0%	**2690**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	**0.65**	± 20.0%	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**2.48**	± 20.0%	**1.80**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**21.6**	± 20.0%	**20.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.060**	± 20.0%	**0.088**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**3.4**	± 20.0%	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	**0.87**	± 20.0%	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**74700**	± 20.0%	**95200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**7.13**	± 20.0%	**6.63**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.22**	± 20.0%	**1.50**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**608**	± 20.0%	**7.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**3950**	± 20.0%	**3640**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**62.3**	± 20.0%	**12.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.0**	± 20.0%	**2.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**1180**	± 20.0%	**2130**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**97.3**	± 20.0%	**119**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**10.1**	± 20.0%	**8.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**94.3**	± 20.0%	**129**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**295**	± 20.0%	**358**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**200**	± 20.0%	**222**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**279**	± 20.0%	**340**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**310**	± 20.0%	**314**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**145**	± 20.0%	**140**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.3**	± 20.0%	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**102**	± 20.0%	**141**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**15.4**	± 20.0%	**16.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**71.5**	± 20.0%	**25.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	<5.0	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.32-3m		K15.31-2-1m		K15.31-2-3m	
				Laboratory sample ID	PR2055349-001		PR2055349-002		PR2055349-003	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.32-3m		K15.31-2-1m		K15.31-2-3m	
				Laboratory sample ID	PR2055349-001		PR2055349-002		PR2055349-003	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds - Continued										
Carbazole	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chlorinated Hydrocarbons										
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitrosoamines										
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Anilines										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.02	----	----	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	----	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.005	----	----	----	----	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.32-3m / Lab sample ID: PR2055349-001 / Client sampling date / time: 09-Jun-2020		Client sample ID: K15.31-2-1m / Lab sample ID: PR2055349-002 / Client sampling date / time: 09-Jun-2020		Client sample ID: K15.31-2-3m / Lab sample ID: PR2055349-003 / Client sampling date / time: 09-Jun-2020	
				Result	MU	Result	MU	Result	MU
Phthalates - Continued									
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.31-3-1m / Lab sample ID: PR2055349-004 / Client sampling date / time: 09-Jun-2020		Client sample ID: K15.31-3-3m / Lab sample ID: PR2055349-005 / Client sampling date / time: 09-Jun-2020		Client sample ID: K15.31-3m / Lab sample ID: PR2055349-006 / Client sampling date / time: 09-Jun-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.6**	± 6.0%	**94.4**	± 6.0%	**94.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2650**	± 20.0%	**3930**	± 20.0%	**2360**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**3.98**	± 20.0%	<0.50	----	**0.59**	± 20.0%
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.53**	± 20.0%	**2.52**	± 20.0%	**1.77**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**25.6**	± 20.0%	**26.7**	± 20.0%	**22.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.074**	± 20.0%	**0.105**	± 20.0%	**0.063**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.1**	± 20.0%	**2.1**	± 20.0%	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**1.24**	± 20.0%	<0.40	----	**0.52**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW	**68700**	± 20.0%	**62600**	± 20.0%	**51800**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**10.2**	± 20.0%	**9.68**	± 20.0%	**6.88**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.53**	± 20.0%	**2.38**	± 20.0%	**1.32**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**55.6**	± 20.0%	**7.2**	± 20.0%	**113**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4560**	± 20.0%	**7590**	± 20.0%	**3220**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**266**	± 20.0%	**40.7**	± 20.0%	**33.8**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.6**	± 20.0%	**3.8**	± 20.0%	**2.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1880**	± 20.0%	**4550**	± 20.0%	**1450**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**100**	± 20.0%	**120**	± 20.0%	**90.7**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**2.11**	± 20.0%	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**18.9**	± 20.0%	**44.8**	± 20.0%	**12.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**120**	± 20.0%	**127**	± 20.0%	**133**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**385**	± 20.0%	**499**	± 20.0%	**330**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**231**	± 20.0%	**193**	± 20.0%	**210**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**199**	± 20.0%	**220**	± 20.0%	**177**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**262**	± 20.0%	**214**	± 20.0%	**219**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**112**	± 20.0%	**179**	± 20.0%	**103**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**130**	± 20.0%	**207**	± 20.0%	**120**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**25.6**	± 20.0%	**40.7**	± 20.0%	**18.5**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**84.6**	± 20.0%	**46.4**	± 20.0%	**64.7**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**

Client sample ID	K15.23-1m	K15.31-1-0.5m	K15.31-1-3m

Sub-Matrix: **SOIL**

				Client sample ID	K15.23-1m		K15.31-1-0.5m		K15.31-1-3m	
				Laboratory sample ID	PR2055349-007		PR2055349-008		PR2055349-009	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW		<1	----	**----**	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**97.5**	± 6.0%	**98.9**	± 6.0%	**97.6**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**----**	----	**2520**	± 20.0%	**3890**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**----**	----	**4.90**	± 20.0%	**3.31**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**----**	----	**20.3**	± 20.0%	**19.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**----**	----	**0.069**	± 20.0%	**0.066**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**----**	----	**1.6**	± 20.0%	**1.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**----**	----	**93100**	± 20.0%	**82200**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**----**	----	**6.04**	± 20.0%	**7.67**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**----**	----	**1.24**	± 20.0%	**1.33**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**----**	----	**3.5**	± 20.0%	**61.6**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**----**	----	**3540**	± 20.0%	**4020**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.3**	± 20.0%	**108**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**----**	----	**2.5**	± 20.0%	**2.9**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**3540**	± 20.0%	**4940**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**----**	----	**113**	± 20.0%	**98.3**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**----**	----	**5.8**	± 20.0%	**8.1**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**----**	----	**144**	± 20.0%	**119**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**----**	----	**320**	± 20.0%	**371**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**----**	----	**196**	± 20.0%	**210**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**----**	----	**168**	± 20.0%	**191**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**312**	± 20.0%	**293**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**----**	----	**94**	± 20.0%	**186**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**----**	----	**172**	± 20.0%	**153**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**----**	----	**15.8**	± 20.0%	**16.2**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**----**	----	**8.0**	± 20.0%	**29.7**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**----**	----	<5.0	----	<5.0	----
BTEX										
Benzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	K15.23-1m		K15.31-1-0.5m		K15.31-1-3m	
				Laboratory sample ID	PR2055349-007		PR2055349-008		PR2055349-009	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds										
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW		**74**	± 30.0%	----	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Aromatic Compounds										
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K15.23-1m		K15.31-1-0.5m		K15.31-1-3m	
				Laboratory sample ID	PR2055349-007		PR2055349-008		PR2055349-009	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.23-1m		K15.31-1-0.5m		K15.31-1-3m	
				Laboratory sample ID	PR2055349-007		PR2055349-008		PR2055349-009	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Phthalates - Continued									
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**0.094**	± 30.0%	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.54-2-1m		K15.54-2-3m		K15.54-3-1m	
				Laboratory sample ID	PR2055349-010		PR2055349-011		PR2055349-012	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.4**	± 6.0%	**97.2**	± 6.0%	**96.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1600**	± 20.0%	**682**	± 20.0%	**2390**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.12**	± 20.0%	**1.18**	± 20.0%	**3.46**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**30.9**	± 20.0%	**8.84**	± 20.0%	**16.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.052**	± 20.0%	**0.029**	± 20.0%	**0.064**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**1.0**	± 20.0%	**1.7**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**0.69**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW	**59400**	± 20.0%	**69200**	± 20.0%	**86600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**4.52**	± 20.0%	**2.92**	± 20.0%	**6.20**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.19**	± 20.0%	**0.59**	± 20.0%	**1.24**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**2.0**	± 20.0%	<1.0	----	**39.9**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**1920**	± 20.0%	**1110**	± 20.0%	**3460**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**3.2**	± 20.0%	<1.0	----	**31.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.6**	± 20.0%	<1.0	----	**2.5**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1320**	± 20.0%	**754**	± 20.0%	**4150**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**87.2**	± 20.0%	**72.8**	± 20.0%	**101**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**5.8**	± 20.0%	<1.0	----	**6.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**493**	± 20.0%	**86.0**	± 20.0%	**117**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**253**	± 20.0%	**140**	± 20.0%	**310**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**339**	± 20.0%	**246**	± 20.0%	**254**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**208**	± 20.0%	**313**	± 20.0%	**226**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**204**	± 20.0%	**242**	± 20.0%	**297**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**103**	± 20.0%	**85**	± 20.0%	**141**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**77.3**	± 20.0%	**34.7**	± 20.0%	**125**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**8.90**	± 20.0%	**2.25**	± 20.0%	**13.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**11.6**	± 20.0%	<3.0	----	**17.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.54-3-3m		K15.52-2-0.5m		K15.52-2-3m	
				Laboratory sample ID	PR2055349-013		PR2055349-014		PR2055349-015	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**

Sub-Matrix: **SOIL**				Client sample ID	K15.54-3-3m		K15.52-2-0.5m		K15.52-2-3m	
				Laboratory sample ID	PR2055349-013		PR2055349-014		PR2055349-015	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.4**	± 6.0%	**98.1**	± 6.0%	**97.3**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1170**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.30**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**10.9**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.034**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**51400**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.74**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.73**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1520**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**1.3**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.1**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**783**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**70.5**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**4.8**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**84.0**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**206**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**241**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**193**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**188**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**82**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**61.2**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**9.31**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**4.4**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.52-3-0.5m		K15.52-3-3m		K15.18-3m	
				Laboratory sample ID	PR2055349-016		PR2055349-017		PR2055349-018	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**----**	----	**----**	----	<3.4	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**98.8**	± 6.0%	**97.7**	± 6.0%	**96.1**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.52-3-0.5m Laboratory sample ID: PR2055349-016 Client sampling date / time: 09-Jun-2020		Client sample ID: K15.52-3-3m Laboratory sample ID: PR2055349-017 Client sampling date / time: 09-Jun-2020		Client sample ID: K15.18-3m Laboratory sample ID: PR2055349-018 Client sampling date / time: 09-Jun-2020	
				Result	MU	Result	MU	Result	MU
BTEX - Continued									
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.52-3-0.5m		K15.52-3-3m		K15.18-3m	
				Laboratory sample ID	PR2055349-016		PR2055349-017		PR2055349-018	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	**42**	± 30.0%
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	**----**	----	**----**	----	<10	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.080	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.060	----

Sub-Matrix: **SOIL**				Client sample ID	K15.52-3-0.5m		K15.52-3-3m		K15.18-3m	
				Laboratory sample ID	PR2055349-016		PR2055349-017		PR2055349-018	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	**----**	----	<0.120	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.040	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.040	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	**----**	----	<0.010	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K15.1-3m		K15.52-1-0.5m		K15.52-1-3m	
				Laboratory sample ID	PR2055349-019		PR2055349-020		PR2055349-021	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.1**	± 6.0%	**99.1**	± 6.0%	**96.8**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.1-3m		K15.52-1-0.5m		K15.52-1-3m	
				Laboratory sample ID	PR2055349-019		PR2055349-020		PR2055349-021	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**30**	± 30.0%	----	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K15.1-3m		K15.52-1-0.5m		K15.52-1-3m	
				Laboratory sample ID	PR2055349-019		PR2055349-020		PR2055349-021	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**0.059**	± 30.0%	**----**	----	**----**	----
Aldehydes / Ketones									

Sub-Matrix: **SOIL**				Client sample ID	K15.1-3m		K15.52-1-0.5m		K15.52-1-3m	
				Laboratory sample ID	PR2055349-019		PR2055349-020		PR2055349-021	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aldehydes / Ketones - Continued									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K13.14-1m		K15.46-2m		K10.16-2m	
				Laboratory sample ID	PR2055349-022		PR2055349-023		PR2055349-024	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1	----	**1.836**	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.2**	± 6.0%	**85.3**	± 6.0%	**93.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**958**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.73**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**11.6**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.036**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.2**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**87500**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.27**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.61**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1460**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**898**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**70.7**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**98.8**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**163**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**272**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**273**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**364**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**98**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**51.3**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**2.94**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	**----**	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	**----**	----	<12	----
BTEX									

Sub-Matrix: **SOIL**				Client sample ID	K13.14-1m		K15.46-2m		K10.16-2m	
				Laboratory sample ID	PR2055349-022		PR2055349-023		PR2055349-024	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Benzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	<0.20	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	<0.20	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	<0.20	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K13.14-1m		K15.46-2m		K10.16-2m	
				Laboratory sample ID	PR2055349-022		PR2055349-023		PR2055349-024	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Styrene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**0.28**	± 40.0%
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**0.15**	± 40.0%
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K13.14-1m		K15.46-2m		K10.16-2m	
				Laboratory sample ID	PR2055349-022		PR2055349-023		PR2055349-024	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**0.15**	± 40.0%
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	**----**	----	<0.80	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	**----**	----	<1.50	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.100	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.046**	± 30.0%	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.040	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.229**	± 30.0%	<0.020	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.048**	± 30.0%	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.067**	± 30.0%	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.192**	± 30.0%	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.031**	± 30.0%	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.032**	± 30.0%	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.047**	± 30.0%	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	<0.020	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**0.072**	± 30.0%	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.400	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.100	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.150	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.01	----	<3.00	----	<1.02	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	<1.00	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K13.14-1m		K15.46-2m		K10.16-2m	
				Laboratory sample ID	PR2055349-022		PR2055349-023		PR2055349-024	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued										
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	<0.040	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	<0.020	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.005	----	<0.005	----	<0.005	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**1.03**	± 30.0%	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	<3.00	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----
Alcohols / Esters										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-3m		K10.16-1-0.5m		K10.16-1-3m	
				Laboratory sample ID	PR2055349-025		PR2055349-026		PR2055349-027	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**83.2**	± 6.0%	**97.5**	± 6.0%	**82.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**5570**	± 20.0%	**1370**	± 20.0%	**3360**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**1.95**	± 20.0%	**3.59**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**44.4**	± 20.0%	**11.7**	± 20.0%	**28.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.150**	± 20.0%	**0.050**	± 20.0%	**0.098**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**3.4**	± 20.0%	**1.1**	± 20.0%	**3.4**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**185000**	± 20.0%	**57800**	± 20.0%	**146000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**9.74**	± 20.0%	**3.75**	± 20.0%	**6.55**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**1.58**	± 20.0%	**0.89**	± 20.0%	**1.77**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**1.3**	± 20.0%	**1.2**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**4960**	± 20.0%	**1780**	± 20.0%	**3730**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**1.1**	± 20.0%	**2.8**	± 20.0%	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**6.6**	± 20.0%	**1.8**	± 20.0%	**3.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**3290**	± 20.0%	**734**	± 20.0%	**1950**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**234**	± 20.0%	**65.6**	± 20.0%	**179**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**3.4**	± 20.0%	**6.7**	± 20.0%	**3.0**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K10.16-3m		K10.16-1-0.5m		K10.16-1-3m	
				Laboratory sample ID	PR2055349-025		PR2055349-026		PR2055349-027	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**90.5**	± 20.0%	**111**	± 20.0%	**93.3**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**809**	± 20.0%	**208**	± 20.0%	**473**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**203**	± 20.0%	**257**	± 20.0%	**238**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**479**	± 20.0%	**209**	± 20.0%	**483**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**1600**	± 20.0%	**206**	± 20.0%	**1320**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**298**	± 20.0%	**59**	± 20.0%	**2040**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**155**	± 20.0%	**61.2**	± 20.0%	**113**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**11.6**	± 20.0%	**14.4**	± 20.0%	**8.04**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**5.2**	± 20.0%	**13.0**	± 20.0%	**3.7**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	<12	----	**33**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K10.16-3-1m		K10.16-3-3m		K10.16-2-0.5m	
				Laboratory sample ID	PR2055349-028		PR2055349-029		PR2055349-030	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**90.4**	± 6.0%	**81.9**	± 6.0%	**98.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**4910**	± 20.0%	**2160**	± 20.0%	**1400**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**4.16**	± 20.0%	**4.98**	± 20.0%	**3.31**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**31.0**	± 20.0%	**24.1**	± 20.0%	**13.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.120**	± 20.0%	**0.078**	± 20.0%	**0.040**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.0**	± 20.0%	**3.5**	± 20.0%	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**114000**	± 20.0%	**172000**	± 20.0%	**63400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**8.62**	± 20.0%	**5.10**	± 20.0%	**3.75**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**2.34**	± 20.0%	**1.61**	± 20.0%	**0.85**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**3.3**	± 20.0%	**1.1**	± 20.0%	**1.2**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**5760**	± 20.0%	**2010**	± 20.0%	**1770**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.5**	± 20.0%	<1.0	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**4.4**	± 20.0%	**2.6**	± 20.0%	**1.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**2380**	± 20.0%	**1760**	± 20.0%	**653**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**146**	± 20.0%	**134**	± 20.0%	**73.5**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**5.0**	± 20.0%	**2.7**	± 20.0%	**1.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**133**	± 20.0%	**89.1**	± 20.0%	**97.2**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**508**	± 20.0%	**330**	± 20.0%	**197**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**207**	± 20.0%	**254**	± 20.0%	**254**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**156**	± 20.0%	**556**	± 20.0%	**93**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**245**	± 20.0%	**1560**	± 20.0%	**204**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**179**	± 20.0%	**1290**	± 20.0%	**65**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-3-1m		K10.16-3-3m		K10.16-2-0.5m	
				Laboratory sample ID	PR2055349-028		PR2055349-029		PR2055349-030	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**265**	± 20.0%	**79.3**	± 20.0%	**90.9**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**13.4**	± 20.0%	**7.00**	± 20.0%	**7.02**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**9.5**	± 20.0%	<3.0	----	**3.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-2-2m		K10.16-2-3m		K10.22-3-1m	
				Laboratory sample ID	PR2055349-031		PR2055349-032		PR2055349-033	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**10.039**	----	**----**	----	<1	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**86.5**	± 6.0%	**83.2**	± 6.0%	**93.3**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3920**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**2.49**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**31.4**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.110**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.9**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**142000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**7.75**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.50**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**2600**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**4.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**2280**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**147**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.2**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**84.0**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**538**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**211**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**460**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**1210**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**472**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**121**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**6.37**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**4.2**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									

Sub-Matrix: **SOIL**				Client sample ID	K10.16-2-2m		K10.16-2-3m		K10.22-3-1m	
				Laboratory sample ID	PR2055349-031		PR2055349-032		PR2055349-033	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**----**	----	**68**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**----**	----	**57**	± 30.0%	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-2-2m		K10.16-2-3m		K10.22-3-1m	
				Laboratory sample ID	PR2055349-031		PR2055349-032		PR2055349-033	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**0.25**	± 40.0%	**----**	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**0.24**	± 40.0%	**----**	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	**----**	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	**----**	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	**0.15**	± 40.0%	**----**	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**0.202**	± 30.0%	**----**	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**0.243**	± 30.0%	**----**	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<1.75	----	**----**	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**6.31**	± 30.0%	**----**	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.950	----	**----**	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.350	----	**----**	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<19.0	----	**----**	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.500	----	**----**	----	<0.050	----

Sub-Matrix: SOIL				Client sample ID	K10.16-2-2m		K10.16-2-3m		K10.22-3-1m	
				Laboratory sample ID	PR2055349-031		PR2055349-032		PR2055349-033	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued									
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.250	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.200	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.400	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**3.28**	± 30.0%	**----**	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<15.0	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	<0.050	----

Sub-Matrix: SOIL				Client sample ID	K10.16-1-2m		Blank Methanol		Blank MMS	
				Laboratory sample ID	PR2055349-034		PR2055349-035		PR2055349-036	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**1.58**	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**84.5**	± 6.0%	**----**	----	**----**	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	<0.050	----	**----**	----
Benzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	**----**	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-1-2m		Blank Methanol		Blank MMS	
				Laboratory sample ID	PR2055349-034		PR2055349-035		PR2055349-036	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-1-2m		Blank Methanol		Blank MMS	
				Laboratory sample ID	PR2055349-034		PR2055349-035		PR2055349-036	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Non-Halogenated Volatile Organic Compounds										
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
Styrene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	<0.050	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
Styrene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	**62**	± 30.0%
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**----**	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW		<0.80	----	<0.80	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW		<1.50	----	<1.50	----	**----**	----
Aromatic Compounds										
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-1-2m		Blank Methanol		Blank MMS	
				Laboratory sample ID	PR2055349-034		PR2055349-035		PR2055349-036	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds - Continued										
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW		<0.250	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW		**0.101**	± 30.0%	**----**	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW		<0.080	----	**----**	----	**----**	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	<0.10	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW		**0.601**	± 30.0%	**----**	----	**----**	----
Naphthalene	S-VOCGMS06	10	µg/kg DW		**----**	----	**----**	----	<10	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW		**0.785**	± 30.0%	**----**	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW		**0.033**	± 30.0%	**----**	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Chlorinated Hydrocarbons										
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Nitrosoamines										
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Anilines										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.650	----	**----**	----	**----**	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<2.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.550	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<3.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-1-2m		Blank Methanol		Blank MMS	
				Laboratory sample ID	PR2055349-034		PR2055349-035		PR2055349-036	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		09-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Phthalates - Continued										
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		<6.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Alcohols / Esters										
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----

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Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
S-VOCGMS06	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	

Preparation Methods	*Method Descriptions*
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2082438**	Issue Date	: 02-Sep-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa Israel	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-173-20	Page	: 1 of 2
Order number	: KTE-173-20	Date Samples Received	: 26-Aug-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Site:Sde Dov	Date of test	: 26-Aug-2020 - 02-Sep-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2082438/001,002, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K15.54-2-0.5m		K15.54-3-0.5m		----	
				Laboratory sample ID	PR2082438-001		PR2082438-002		----	
				Client sampling date / time	09-Jun-2020		09-Jun-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.4**	± 6.0%	**92.7**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**22**	± 30.0%	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

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Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO/TS 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	18 June 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200611-117
Your Reference:	KTE-173-20-HAW
Location:	Sde Dov
Report No:	555795

We received 3 samples on Thursday June 11, 2020 and 2 of these samples were scheduled for analysis which was completed on Thursday June 18, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan
Operations Manager

ALS Life Sciences Limited. Registered Office: Units 7 & 8 Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US. Registered in England and Wales No. 4057291.

CERTIFICATE OF ANALYSIS

SDG:	200611-117	**Client Reference:**	KTE-173-20-HAW	**Report Number:**	555795
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22292563	K10-16-2-0.5m-soil		0.50	09/06/2020
22292567	K10-16-3-3.0m-soil		3.00	09/06/2020
22292565	K15-54-2-1.0m-soil		1.00	09/06/2020

Maximum Sample/Coolbox Temperature (°C) : **13.2**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200611-117	**Client Reference:**	KTE-173-20-HAW	**Report Number:**	555795
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			22292567	22292565
Customer Sample Reference			K10-16-3-3.0m-soil	K15-54-2-1.0m-soil
AGS Reference				
Depth (m)			3.00	1.00
Container			60ml Amber Glass Jar	60ml Amber Glass Jar
Sample Type			S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 1		X
EPH by GCxGC-FID	All	NDPs: 1 Tests: 0	N	
Metals in solid samples by OES	All	NDPs: 0 Tests: 1		X
Sample description	All	NDPs: 1 Tests: 1	N	X
Silver	All	NDPs: 0 Tests: 1		X

CERTIFICATE OF ANALYSIS

SDG:	200611-117	**Client Reference:**	KTE-173-20-HAW	**Report Number:**	555795
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	fine	0.063mm - 0.1mm	medium	0.1mm - 2mm	coarse	2mm - 10mm	very coarse	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22292565	K15-54-2-1.0m-soil	1.00	Dark Brown	Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200611-117	**Client Reference:**	KTE-173-20-HAW	**Report Number:**	555795
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	
			K15-54-2-1.0m-soil	
			Depth (m)	1.00
			Sample Type	Soil/Solid (S)
			Date Sampled	09/06/2020
			Sample Time	.
			Date Received	11/06/2020
			SDG Ref	200611-117
			Lab Sample No.(s)	22292565
			AGS Reference	
Moisture Content Ratio (% of as received sample)	%	PM024	3	
Aluminium	<11 mg/kg	TM181	1550	
Antimony	<0.6 mg/kg	TM181	<0.6 #	
Arsenic	<0.6 mg/kg	TM181	3.18 M	
Barium	<0.6 mg/kg	TM181	23.6 #	
Beryllium	<0.01 mg/kg	TM181	0.0583 M	
Boron	<0.7 mg/kg	TM181	1.34 #	
Cadmium	<0.02 mg/kg	TM181	1.26 M	
Chromium	<0.9 mg/kg	TM181	6.56 M	
Cobalt	<0.1 mg/kg	TM181	3.1 M	
Copper	<1.4 mg/kg	TM181	34.2 M	
Iron	<1000 mg/kg	TM181	3150 #	
Lead	<0.7 mg/kg	TM181	50.3 M	
Manganese	<0.13 mg/kg	TM181	96.8 M	
Mercury	<0.14 mg/kg	TM181	<0.14 M	
Molybdenum	<0.1 mg/kg	TM181	<0.1 #	
Nickel	<0.2 mg/kg	TM181	7.77 M	
Phosphorus	<1 mg/kg	TM181	128	
Selenium	<1 mg/kg	TM181	<1 #	
Strontium	<0.4 mg/kg	TM181	345 #	
Tin	<0.24 mg/kg	TM181	0.467 #	
Thallium	<0.7 mg/kg	TM181	<0.7 #	
Titanium	<0.1 mg/kg	TM181	90.4	
Vanadium	<0.2 mg/kg	TM181	14.7 #	
Zinc	<1.9 mg/kg	TM181	50.5 M	
Bismuth	<1 mg/kg	TM181	<1	
Lithium	<1 mg/kg	TM181	12.5	
Tellurium	<1 mg/kg	TM181	<1	
Calcium	<21 mg/kg	TM224	91600	
Sodium	<7 mg/kg	TM224	208	
Magnesium	<8 mg/kg	TM224	6520	
Potassium	<16 mg/kg	TM224	262	
Silver	<10 mg/kg	TM250	<10	

Validated

CERTIFICATE OF ANALYSIS

SDG:	200611-117	**Client Reference:**	KTE-173-20-HAW	**Report Number:**	555795
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Notification of NDPs (No determination possible)

Date Received : 11/06/2020 16:39:36

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
22292567	K10-16-3-3.0m-soil	3.00	EPH by GCxGC-FID	Insufficient Sample
22292567	K10-16-3-3.0m-soil	3.00	Sample description	Insufficient Sample

CERTIFICATE OF ANALYSIS

SDG:	200611-117	**Client Reference:**	KTE-173-20-HAW	**Report Number:**	555795
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200611-117	**Client Reference:**	KTE-173-20-HAW	**Report Number:**	555795
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22292565
Customer Sample Ref.	K15-54-2-1.0m-soil
AGS Ref.	
Depth	1.00
Type	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	18-Jun-2020
Metals in solid samples by OES	16-Jun-2020
Sample description	15-Jun-2020
Silver	18-Jun-2020

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2056754**	Issue Date	: 24-Jun-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-175-20	Page	: 1 of 19
Order number	: ----	Date Samples Received	: 16-Jun-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 16-Jun-2020 - 24-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2056754/001, 005 010, 012, 019, 022, 025 method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2056754/003, 006, method S-TPHFID14 - contain(s) hydrocarbons with retention time less than retention time of C10 and retention time higher than retention time of C40.

Sample(s) PR2056754/006, method S-SMVGMS03, S-SVOCSUM01 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2056754/006, method S-VOCGMS05 - LOR for particular sample(s) raised due to matrix interference.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **SOIL**

			Client sample ID	K10.22-2-0.5m		K10.22-2-2.5m		K10.22-1-1m	
			Laboratory sample ID	PR2056754-001		PR2056754-002		PR2056754-003	
			Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	<1.0	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**93.7**	± 6.0%	**70.8**	± 6.0%	**96.6**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**1510**	± 30.0%	<10	----	**307**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**614**	± 30.0%	<12	----	**6850**	± 30.0%
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.22-2-0.5m		K10.22-2-2.5m		K10.22-1-1m	
				Laboratory sample ID	PR2056754-001		PR2056754-002		PR2056754-003	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	<0.80	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	<1.50	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	<0.50	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-2-0.5m		K10.22-2-2.5m		K10.22-1-1m	
				Laboratory sample ID	PR2056754-001		PR2056754-002		PR2056754-003	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued									
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-1-3m		K10.21-3-1m		K10.21-3-2m	
				Laboratory sample ID	PR2056754-004		PR2056754-005		PR2056754-006	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**----**	----	**----**	----	<11.3	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**81.0**	± 6.0%	**95.9**	± 6.0%	**86.3**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**156**	± 30.0%	**3170**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**159**	± 30.0%	**9600**	± 30.0%
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.22-1-3m		K10.21-3-1m		K10.21-3-2m	
				Laboratory sample ID	PR2056754-004		PR2056754-005		PR2056754-006	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.150	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**0.16**	± 40.0%
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**0.26**	± 40.0%
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**0.28**	± 40.0%
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	**----**	----	**----**	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	**----**	----	**----**	----	<1.50	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.22-1-3m		K10.21-3-1m		K10.21-3-2m	
				Laboratory sample ID	PR2056754-004		PR2056754-005		PR2056754-006	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.150	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.500	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.240	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.320	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.56	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**1.10**	± 30.0%
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**1.77**	± 30.0%
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.100	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.100	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**0.153**	± 30.0%
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.150	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<4.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<1.50	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.200	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<4.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.200	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.150	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	----	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	----	----	----	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.150	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.150	----

Sub-Matrix: **SOIL**			Client sample ID	**K10.22-1-3m**		**K10.21-3-1m**		**K10.21-3-2m**	
			Laboratory sample ID	*PR2056754-004*		*PR2056754-005*		*PR2056754-006*	
			Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Cresols, Phenols and Naphtols - Continued									
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.150	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.150	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.150	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	**1.30**	± 30.0%
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<3.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**			Client sample ID	**K10.21-3-3m**		**K10.21-2-0.5m**		**K10.21-2-3m**	
			Laboratory sample ID	*PR2056754-007*		*PR2056754-008*		*PR2056754-009*	
			Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	<1.0	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**82.5**	± 6.0%	**98.0**	± 6.0%	**83.6**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.21-3-3m		K10.21-2-0.5m		K10.21-2-3m	
				Laboratory sample ID	PR2056754-007		PR2056754-008		PR2056754-009	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	<10	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K10.21-3-3m		K10.21-2-0.5m		K10.21-2-3m	
				Laboratory sample ID	PR2056754-007		PR2056754-008		PR2056754-009	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.21-1-0.5m		K10.21-1-3m		K11.17-1-1m	
				Laboratory sample ID	PR2056754-010		PR2056754-011		PR2056754-012	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.5**	± 6.0%	**83.9**	± 6.0%	**91.6**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**76**	± 30.0%	<10	----	**308**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**35**	± 30.0%	<12	----	**64**	± 30.0%

Sub-Matrix: **SOIL**				Client sample ID	K11.17-1-3m		K11.17-2-1m		K11.17-2-3m	
				Laboratory sample ID	PR2056754-013		PR2056754-014		PR2056754-015	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**85.6**	± 6.0%	**97.4**	± 6.0%	**85.6**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K11.17-3-1m		K11.17-3-3m		K4.1-1m	
				Laboratory sample ID	PR2056754-016		PR2056754-017		PR2056754-018	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.7**	± 6.0%	**88.1**	± 6.0%	**86.1**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	----	----	----	----	**4620**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	----	----	----	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	----	----	----	----	**20.8**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	----	----	----	----	**72.0**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	----	----	----	----	**0.108**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	----	----	----	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	----	----	----	----	**2.4**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	----	----	----	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	----	----	----	----	**105000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	----	----	----	----	**53.6**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	----	----	----	----	**5.67**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	----	----	----	----	**6.7**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	----	----	----	----	**31400**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	----	----	----	----	**256**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	----	----	----	----	**4.1**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	----	----	----	----	**1340**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	----	----	----	----	**267**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	----	----	----	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	----	----	----	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	----	----	----	----	**13.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	----	----	----	----	**152**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	----	----	----	----	**494**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	----	----	----	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	----	----	----	----	**217**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	----	----	----	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	----	----	----	----	**232**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	----	----	----	----	**723**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	----	----	----	----	**316**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	----	----	----	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	----	----	----	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	----	----	----	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	----	----	----	----	**318**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	----	----	----	----	**15.6**	± 20.0%

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K11.17-3-1m Laboratory sample ID: PR2056754-016 Client sampling date / time: 14-Jun-2020		Client sample ID: K11.17-3-3m Laboratory sample ID: PR2056754-017 Client sampling date / time: 14-Jun-2020		Client sample ID: K4.1-1m Laboratory sample ID: PR2056754-018 Client sampling date / time: 14-Jun-2020	
				Result	MU	Result	MU	Result	MU
Extractable Metals / Major Cations - Continued									
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**----**	----	**20.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**15**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**21**	± 30.0%

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K4.2-1m Laboratory sample ID: PR2056754-019 Client sampling date / time: 14-Jun-2020		Client sample ID: K4.2-5m Laboratory sample ID: PR2056754-020 Client sampling date / time: 14-Jun-2020		Client sample ID: K4.3-1m Laboratory sample ID: PR2056754-021 Client sampling date / time: 14-Jun-2020	
				Result	MU	Result	MU	Result	MU
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	<1.0	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**80.9**	± 6.0%	**75.0**	± 6.0%	**82.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**24500**	± 20.0%	**----**	----	**20700**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**0.96**	± 20.0%	**----**	----	**0.88**	± 20.0%
Arsenic	S-METAXHB1	0.50	mg/kg DW	**8.92**	± 20.0%	**----**	----	**5.59**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**101**	± 20.0%	**----**	----	**83.7**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.738**	± 20.0%	**----**	----	**0.620**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**6.8**	± 20.0%	**----**	----	**4.9**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**0.71**	± 20.0%	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**37200**	± 20.0%	**----**	----	**50600**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**39.1**	± 20.0%	**----**	----	**33.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**13.2**	± 20.0%	**----**	----	**9.06**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**30.9**	± 20.0%	**----**	----	**13.3**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**26600**	± 20.0%	**----**	----	**21200**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**25.4**	± 20.0%	**----**	----	**20.3**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**19.2**	± 20.0%	**----**	----	**17.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**5710**	± 20.0%	**----**	----	**4080**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**303**	± 20.0%	**----**	----	**404**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**0.48**	± 20.0%	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**42.9**	± 20.0%	**----**	----	**23.6**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**222**	± 20.0%	**----**	----	**154**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**2250**	± 20.0%	**----**	----	**1950**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**171**	± 20.0%	**----**	----	**218**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**355**	± 20.0%	**----**	----	**149**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**176**	± 20.0%	**----**	----	**189**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**246**	± 20.0%	**----**	----	**96**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**3.1**	± 20.0%	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**882**	± 20.0%	**----**	----	**823**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**65.7**	± 20.0%	**----**	----	**50.7**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**47.1**	± 20.0%	**----**	----	**102**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**11.2**	± 20.0%	**----**	----	**7.9**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**52**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**17**	± 30.0%	<12	----	<12	----
BTEX									

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		K4.2-1m		K4.2-5m		K4.3-1m	
				Laboratory sample ID		PR2056754-019		PR2056754-020		PR2056754-021	
				Client sampling date / time		14-Jun-2020		14-Jun-2020		14-Jun-2020	
						Result	MU	Result	MU	Result	MU
BTEX - Continued											
Benzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Toluene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Halogenated Volatile Organic Compounds											
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Non-Halogenated Volatile Organic Compounds											
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K4.2-1m		K4.2-5m		K4.3-1m	
				Laboratory sample ID	PR2056754-019		PR2056754-020		PR2056754-021	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	<0.50	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<1.00	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<1.00	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<1.00	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K4.2-1m		K4.2-5m		K4.3-1m	
				Laboratory sample ID	PR2056754-019		PR2056754-020		PR2056754-021	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K4.4-1m		K4.4-5m		K4.3-5m	
				Laboratory sample ID	PR2056754-022		PR2056754-023		PR2056754-024	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**82.8**	± 6.0%	**77.4**	± 6.0%	**81.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**18500**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**5.88**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**92.3**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.541**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**5.1**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**64800**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**29.6**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**7.35**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**12.2**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**17200**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**40.0**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**15.5**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**3700**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**323**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**20.8**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**167**	± 20.0%	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**K4.4-1m**		**K4.4-5m**		**K4.3-5m**	
				Laboratory sample ID	*PR2056754-022*		*PR2056754-023*		*PR2056754-024*	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Potassium	S-METAXHB2	5.0	mg/kg DW		**1820**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**238**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**221**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**231**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		**157**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		**1.6**	± 20.0%	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**750**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**45.3**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**62.3**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**9.0**	± 20.0%	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**33**	± 30.0%	<10	----	**26**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	**19**	± 30.0%
BTEX										
Benzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Halogenated Volatile Organic Compounds										
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		**----**	----	<10	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		**----**	----	<10	----	<10	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		**----**	----	<0.050	----	<0.050	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW		**----**	----	<10	----	<10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
Chloromethane	S-VOCGMS06	10	µg/kg DW		**----**	----	<10	----	<10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K4.4-1m		K4.4-5m		K4.3-5m	
				Laboratory sample ID	PR2056754-022		PR2056754-023		PR2056754-024	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	<10	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	<10	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	<10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	**18**	± 30.0%
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	<5.0	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	<10	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K4.4-1m		K4.4-5m		K4.3-5m	
				Laboratory sample ID	PR2056754-022		PR2056754-023		PR2056754-024	
				Client sampling date / time	14-Jun-2020		14-Jun-2020		14-Jun-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-2-0.5m-DUP		TB		----	
				Laboratory sample ID	PR2056754-025		PR2056754-026		----	
				Client sampling date / time	14-Jun-2020		[14-Jun-2020]		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**93.8**	± 6.0%	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**2250**	± 30.0%	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**869**	± 30.0%	**----**	----	**----**	----
BTEX									
Benzene	S-VOCGMS06	0.0050	mg/kg	**----**	----	<0.0050	----	**----**	----
Ethylbenzene	S-VOCGMS06	0.0050	mg/kg	**----**	----	<0.0050	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	0.0050	mg/kg	**----**	----	<0.0050	----	**----**	----
Toluene	S-VOCGMS06	0.0050	mg/kg	**----**	----	<0.0050	----	**----**	----
ortho-Xylene	S-VOCGMS06	0.0050	mg/kg	**----**	----	<0.0050	----	**----**	----

Sub-Matrix: **SOIL**			Client sample ID	K10.22-2-0.5m-DUP		TB		----	
			Laboratory sample ID	PR2056754-025		PR2056754-026		----	
			Client sampling date / time	14-Jun-2020		[14-Jun-2020]		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.1.1-Trichloroethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.1.2-Trichloroethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.1-Dichloroethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.1-Dichloroethene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.1-Dichloropropene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS06	0.010	mg/kg	----	----	<0.010	----	----	----
1.2.3-Trichloropropane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS06	0.010	mg/kg	----	----	<0.010	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.2-Dichlorobenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.2-Dichloroethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.2-Dichloropropane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.3-Dichlorobenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.3-Dichloropropane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.4-Dichlorobenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
2.2-Dichloropropane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
2-Chlorotoluene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
4-Chlorotoluene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Bromobenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Bromochloromethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Bromodichloromethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Bromoform	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Bromomethane	S-VOCGMS06	0.010	mg/kg	----	----	<0.010	----	----	----
Chlorobenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Chloroethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Chloroform	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Chloromethane	S-VOCGMS06	0.010	mg/kg	----	----	<0.010	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Dibromochloromethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Dibromomethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Dichloromethane	S-VOCGMS06	0.010	mg/kg	----	----	<0.010	----	----	----
Hexachlorobutadiene	S-VOCGMS06	0.010	mg/kg	----	----	<0.010	----	----	----
Tetrachloroethene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Tetrachloromethane	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Trichloroethene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Vinyl chloride	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
2-Butanone (MEK)	S-VOCGMS06	0.010	mg/kg	----	----	**0.011**	± 30.0%	----	----
Isopropylbenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	0.010	mg/kg	----	----	<0.010	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
n-Butylbenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
n-Propylbenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
p-Isopropyltoluene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
sec-Butylbenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
Styrene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----
tert-Butyl alcohol	S-VOCGMS06	0.010	mg/kg	----	----	**0.075**	± 30.0%	----	----
tert-Butylbenzene	S-VOCGMS06	0.0050	mg/kg	----	----	<0.0050	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-2-0.5m-DUP		TB		----	
				Laboratory sample ID	PR2056754-025		PR2056754-026		----	
				Client sampling date / time	14-Jun-2020		[14-Jun-2020]		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-VOCGMS06	0.010	mg/kg	**----**	----	<0.010	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
S-VOCGMS06	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	22 June 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200616-55
Your Reference:	KTE-175-20-HAW
Location:	Sde Dov
Report No:	556106

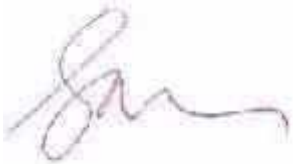
We received 2 samples on Tuesday June 16, 2020 and 2 of these samples were scheduled for analysis which was completed on Monday June 22, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Sonia McWhan

Operations Manager

CERTIFICATE OF ANALYSIS

SDG:	200616-55	**Client Reference:**	KTE-175-20-HAW	**Report Number:**	556106
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22315057	K10-21-3-1.0m-soil		1.00	14/06/2020
22315058	K11-17-3-1.0m-soil		1.00	14/06/2020

Maximum Sample/Coolbox Temperature (°C) : **18.8**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200616-55	**Client Reference:**	KTE-175-20-HAW	**Report Number:**	556106
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -
S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			22315057	22315058
Customer Sample Reference			K10-21-3-1.0m-soil	K11-17-3-1.0m-soil
AGS Reference				
Depth (m)			1.00	1.00
Container			60ml Amber Glass Jar	60ml Amber Glass Jar
Sample Type			S	S
EPH by GCxGC-FID	All	NDPs: 0 Tests: 2	X	X
Sample description	All	NDPs: 0 Tests: 2	X	X

CERTIFICATE OF ANALYSIS

SDG:	200616-55	**Client Reference:**	KTE-175-20-HAW	**Report Number:**	556106
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	**fine**	0.063mm - 0.1mm	**medium**	0.1mm - 2mm	**coarse**	2mm - 10mm	**very coarse**	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22315057	K10-21-3-1.0m-soil	1.00	Light Brown	Sand	Stones	None
22315058	K11-17-3-1.0m-soil	1.00	Light Brown	Sand	Vegetation	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200616-55	**Client Reference:**	KTE-175-20-HAW	**Report Number:**	556106
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K10-21-3-1.0m-soil	K11-17-3-1.0m-soil				
			Depth (m)	1.00	1.00				
			Sample Type	Soil/Solid (S)	Soil/Solid (S)				
			Date Sampled	14/06/2020	14/06/2020				
			Sample Time	.	.				
			Date Received	16/06/2020	16/06/2020				
			SDG Ref	200616-55	200616-55				
			Lab Sample No.(s)	22315057	22315058				
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		3.4	2.1				
EPH Surrogate % recovery**	%	TM415		104	106				
EPH >C10-C40	<35 mg/kg	TM415		308 M	<35 M				
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35				
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35				
EPH Band >C16-C21	<35 mg/kg	TM415		64.5	<35				
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35				
EPH Band >C28-C35	<35 mg/kg	TM415		124	<35				
EPH Band >C35-C40	<35 mg/kg	TM415		91	<35				

CERTIFICATE OF ANALYSIS

SDG:	200616-55	**Client Reference:**	KTE-175-20-HAW	**Report Number:**	556106
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200616-55	**Client Reference:**	KTE-175-20-HAW	**Report Number:**	556106
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22315057	22315058
Customer Sample Ref.	K10-21-3-1.0m-soil	K11-17-3-1.0m-soil
AGS Ref.		
Depth	1.00	1.00
Type	Soil/Solid (S)	Soil/Solid (S)
EPH by GCxGC-FID	22-Jun-2020	22-Jun-2020
Sample description	17-Jun-2020	17-Jun-2020

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2073228**	Issue Date	: 05-Aug-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-238-20	Page	: 1 of 22
Order number	: ----	Date Samples Received	: 30-Jul-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 30-Jul-2020 - 05-Aug-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2073228/001,009,011,014,029,031,035,037,046, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2073228/012,016,019,022, method S-TPHFID14 - contain(s) hydrocarbons with retention time less than retention time of C10 and retention time higher than retention time of C40.

Sample(s) PR2073228/003,007,023, method S-TPHFID14 - contain(s) low-boiling hydrocarbons with retention time less than retention time of C10.

Sample PR2073228/023, method S-VOCGMS05 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2073228/003,007,012,016,019,023 method S-SMVGMS03 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2073228/003,007,012,016,023 method S-SVOCSUM01 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2073228/003,007,012,016,019,023 method S-SMVGMS03 - (*) = the parameter(s) signed by this symbol couldn't be determined due to complicated matrix.

Sample PR2073228/012, method S-VOCGMS06 - E = Estimated; concentration exceeded calibration range.

Sample PR2073228/012, method S-VOCGMS06 - sample isn´t suitable for the method S-VOCGMS06 due to high concentration of volatile organic compounds.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K10.16-0.5m		K10.22-5-0.5m		K10.22-5-2m	
				Laboratory sample ID	PR2073228-001		PR2073228-002		PR2073228-003	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**----**	----	**----**	----	<8.5	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.9**	± 6.0%	**96.8**	± 6.0%	**80.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2740**	± 20.0%	**----**	----	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.65**	± 20.0%	**----**	----	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**19.6**	± 20.0%	**----**	----	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.070**	± 20.0%	**----**	----	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.5**	± 20.0%	**----**	----	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**101000**	± 20.0%	**----**	----	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**6.07**	± 20.0%	**----**	----	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.30**	± 20.0%	**----**	----	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**3.9**	± 20.0%	**----**	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**3370**	± 20.0%	**----**	----	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**145**	± 20.0%	**----**	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.4**	± 20.0%	**----**	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1920**	± 20.0%	**----**	----	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**111**	± 20.0%	**----**	----	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**4.1**	± 20.0%	**----**	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**140**	± 20.0%	**----**	----	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**332**	± 20.0%	**----**	----	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	**----**	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**221**	± 20.0%	**----**	----	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**124**	± 20.0%	**----**	----	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**275**	± 20.0%	**----**	----	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**124**	± 20.0%	**----**	----	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**173**	± 20.0%	**----**	----	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**10.5**	± 20.0%	**----**	----	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**48.0**	± 20.0%	**----**	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**109**	± 30.0%	<10	----	**142**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**26**	± 30.0%	<12	----	**3570**	± 30.0%
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		Client sample ID		Client sample ID	
				Laboratory sample ID		Laboratory sample ID		Laboratory sample ID	
				Client sampling date / time		Client sampling date / time		Client sampling date / time	
				K10.16-0.5m		**K10.22-5-0.5m**		**K10.22-5-2m**	
				PR2073228-001		PR2073228-002		PR2073228-003	
				28-Jul-2020		28-Jul-2020		28-Jul-2020	
				Result	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Chloroform	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	----	----	----	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.05	mg/kg DW	----	----	----	----	*	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	**3.24**	± 40.0%
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	**9.26**	± 40.0%
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	**0.14**	± 40.0%
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	**6.01**	± 40.0%
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	**3.32**	± 40.0%
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K10.16-0.5m		K10.22-5-0.5m		K10.22-5-2m	
				Laboratory sample ID	PR2073228-001		PR2073228-002		PR2073228-003	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds - Continued									
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	**1.45**	± 30.0%
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.300	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.160	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.160	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	----	----	**2.91**	± 40.0%
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**0.718**	± 30.0%
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**0.962**	± 30.0%
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.120	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**0.070**	± 30.0%
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<1.25	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.150	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<2.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.700	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.250	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<3.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	----	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	----	----	----	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.400	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.16-0.5m**		**K10.22-5-0.5m**		**K10.22-5-2m**	
				Laboratory sample ID	*PR2073228-001*		*PR2073228-002*		*PR2073228-003*	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<8.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.200	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.22-5-3m**		**K10.16-3m**		**K10.22-4-0.5m**	
				Laboratory sample ID	*PR2073228-004*		*PR2073228-005*		*PR2073228-006*	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**81.3**	± 6.0%	**82.3**	± 6.0%	**98.0**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**977**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.64**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**16.4**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.041**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3.4**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**158000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.57**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.09**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**1160**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.6**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1410**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**106**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.8**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**77.7**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**156**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**225**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**525**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**1510**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**658**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**58.1**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**5.21**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									

Sub-Matrix: **SOIL**				Client sample ID	**K10.22-5-3m**		**K10.16-3m**		**K10.22-4-0.5m**	
				Laboratory sample ID	*PR2073228-004*		*PR2073228-005*		*PR2073228-006*	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Petroleum Hydrocarbons - Continued									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	**K10.22-4-2m**		**K10.22-4-3m**		**K10.21-4-0.5m**	
				Laboratory sample ID	*PR2073228-007*		*PR2073228-008*		*PR2073228-009*	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	<5.5	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**83.5**	± 6.0%	**82.5**	± 6.0%	**96.0**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**112**	± 30.0%	<10	----	**22**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**3670**	± 30.0%	<12	----	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.05	mg/kg DW	*	----	**----**	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-4-2m		K10.22-4-3m		K10.21-4-0.5m	
				Laboratory sample ID	PR2073228-007		PR2073228-008		PR2073228-009	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	**----**	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	**----**	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	**----**	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.080	----	**----**	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	**----**	----	**----**	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**0.345**	± 30.0%	**----**	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.080	----	**----**	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.060	----	**----**	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**0.040**	± 30.0%	**----**	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitrosoamines									

Sub-Matrix: **SOIL**			Client sample ID	K10.22-4-2m		K10.22-4-3m		K10.21-4-0.5m	
			Laboratory sample ID	PR2073228-007		PR2073228-008		PR2073228-009	
			Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitrosoamines - Continued									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.850	----	**----**	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.450	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.250	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<5.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**			Client sample ID	K10.21-4-3m		K10.22-7-0.5m		K10.22-7-2m	
			Laboratory sample ID	PR2073228-010		PR2073228-011		PR2073228-012	
			Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**----**	----	**----**	----	<8.0	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**81.1**	± 6.0%	**94.4**	± 6.0%	**87.1**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**23**	± 30.0%	**152**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**3190**	± 30.0%

Sub-Matrix: **SOIL**

				Client sample ID	K10.21-4-3m		K10.22-7-0.5m		K10.22-7-2m	
				Laboratory sample ID	PR2073228-010		PR2073228-011		PR2073228-012	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.05	mg/kg DW	----	----	----	----	*	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	**7.7**	± 30.0%
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.21-4-3m		K10.22-7-0.5m		K10.22-7-2m	
				Laboratory sample ID	PR2073228-010		PR2073228-011		PR2073228-012	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	**102**	± 30.0%
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	**59.9**	± 30.0%
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	**58.0**	± 30.0%
Styrene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	----	----	----	----	<10	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	----	----	<5.0	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	**0.693**	± 30.0%
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.200	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.160	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.200	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**0.546**	± 30.0%
Naphthalene	S-VOCGMS06	10	µg/kg DW	----	----	----	----	**254 E**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**0.661**	± 30.0%
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.060	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.060	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	**0.096**	± 30.0%
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<1.55	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.150	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.750	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.350	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<2.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.100	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	----	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	----	----	<0.020	----

Sub-Matrix: SOIL				Client sample ID	K10.21-4-3m		K10.22-7-0.5m		K10.22-7-2m	
				Laboratory sample ID	PR2073228-010		PR2073228-011		PR2073228-012	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	**----**	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	**0.153**	± 30.0%
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<8.00	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.250	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: SOIL				Client sample ID	K10.22-7-2.5m		K10.21-6-0.5m		K10.21-6-3m	
				Laboratory sample ID	PR2073228-013		PR2073228-014		PR2073228-015	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**80.1**	± 6.0%	**97.4**	± 6.0%	**78.3**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**39**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**15**	± 30.0%	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.22-6-1m		K10.22-6-3m		K10.21-5-0.5m	
				Laboratory sample ID	PR2073228-016		PR2073228-017		PR2073228-018	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	<7.0	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.8**	± 6.0%	**80.3**	± 6.0%	**94.1**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**320**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**4840**	± 30.0%	**22**	± 30.0%	<12	----
Halogenated Volatile Organic Compounds									
Hexachlorocyclopentadiene	S-SMVGMS03	0.05	mg/kg DW	*	----	**----**	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.22-6-1m		K10.22-6-3m		K10.21-5-0.5m	
				Laboratory sample ID	PR2073228-016		PR2073228-017		PR2073228-018	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds - Continued									
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.180	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.060	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.060	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.060	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.100	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.750	----	----	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.550	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.550	----	----	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	----	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.300	----	----	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	----	----	----	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	----	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	----	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	----	----	----	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	----	----	----	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	----	----	----	----
Phthalates									

Sub-Matrix: **SOIL**			Client sample ID	**K10.22-6-1m**		**K10.22-6-3m**		**K10.21-5-0.5m**	
			Laboratory sample ID	*PR2073228-016*		*PR2073228-017*		*PR2073228-018*	
			Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Phthalates - Continued									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.200	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**0.241**	± 30.0%	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<7.00	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.350	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**			Client sample ID	**K10.21-5-2m**		**K10.21-5-3m**		**K10.22-8-0.5m**	
			Laboratory sample ID	*PR2073228-019*		*PR2073228-020*		*PR2073228-021*	
			Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**9.6**	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**86.7**	± 6.0%	**72.2**	± 6.0%	**97.1**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**229**	± 30.0%	<10	----	**17**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**5110**	± 30.0%	<12	----	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.05	mg/kg DW	*	----	**----**	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.21-5-2m		K10.21-5-3m		K10.22-8-0.5m	
				Laboratory sample ID	PR2073228-019		PR2073228-020		PR2073228-021	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	**0.36**	± 40.0%	----	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	**1.25**	± 40.0%	----	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**1.03**	± 40.0%	----	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**0.96**	± 40.0%	----	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	**3.86**	± 30.0%	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.250	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.160	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.240	----	----	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	**1.53**	± 40.0%	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**0.556**	± 30.0%	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**0.471**	± 30.0%	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.080	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.060	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**0.091**	± 30.0%	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K10.21-5-2m		K10.21-5-3m		K10.22-8-0.5m	
				Laboratory sample ID	PR2073228-019		PR2073228-020		PR2073228-021	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<1.25	----	**----**	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.300	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.850	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.600	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<3.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.150	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.350	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**0.213**	± 30.0%	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<7.50	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.600	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-9-0.5m		K10.22-9-2m		K10.22-9-2.5m	
				Laboratory sample ID	PR2073228-022		PR2073228-023		PR2073228-024	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		Client sample ID		Client sample ID	
				Laboratory sample ID		Laboratory sample ID		Laboratory sample ID	
				Client sampling date / time		Client sampling date / time		Client sampling date / time	
				K10.22-9-0.5m		**K10.22-9-2m**		**K10.22-9-2.5m**	
				PR2073228-022		PR2073228-023		PR2073228-024	
				28-Jul-2020		28-Jul-2020		28-Jul-2020	
				Result	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**----**	----	<1.5	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.7**	± 6.0%	**84.1**	± 6.0%	**72.2**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**91**	± 30.0%	**18**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**1120**	± 30.0%	**715**	± 30.0%	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.05	mg/kg DW	**----**	----	*	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K10.22-9-0.5m		K10.22-9-2m		K10.22-9-2.5m	
				Laboratory sample ID	PR2073228-022		PR2073228-023		PR2073228-024	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	**0.24**	± 40.0%	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	**0.87**	± 40.0%	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	**0.76**	± 40.0%	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	**0.47**	± 40.0%	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	<1.28	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	<1.50	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	**0.362**	± 30.0%	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.100	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.040	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.040	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	**0.57**	± 40.0%	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	**0.131**	± 30.0%	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	**0.177**	± 30.0%	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	<0.50	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.150	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<1.00	----	----	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.22-9-0.5m		K10.22-9-2m		K10.22-9-2.5m	
				Laboratory sample ID	PR2073228-022		PR2073228-023		PR2073228-024	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued									
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.150	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<1.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	K10.22-10-0.5m		K10.22-10-2.5m		K11.17-7-0.5m	
				Laboratory sample ID	PR2073228-025		PR2073228-026		PR2073228-027	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.1**	± 6.0%	**69.9**	± 6.0%	**97.6**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K11.17-7-3m		K11.17-5-0.5m		K11.17-5-3m	
				Laboratory sample ID	PR2073228-028		PR2073228-029		PR2073228-030	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**85.4**	± 6.0%	**93.5**	± 6.0%	**83.5**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**164**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**45**	± 30.0%	<12	----

Sub-Matrix: SOIL				Client sample ID	K11.17-4-0.5m		K11.17-4-3m		K11.17-6-0.5m	
				Laboratory sample ID	PR2073228-031		PR2073228-032		PR2073228-033	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**91.6**	± 6.0%	**85.0**	± 6.0%	**96.8**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**173**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**52**	± 30.0%	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K11.17-6-3m		K11.17-8-0.5m		K11.17-8-3m	
				Laboratory sample ID	PR2073228-034		PR2073228-035		PR2073228-036	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**81.2**	± 6.0%	**98.2**	± 6.0%	**85.2**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**352**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**72**	± 30.0%	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.22-11-0.5m		K10.22-11-2.5m		K10.22-12-0.5m	
				Laboratory sample ID	PR2073228-037		PR2073228-038		PR2073228-039	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.8**	± 6.0%	**72.4**	± 6.0%	**97.8**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**24**	± 30.0%	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**14**	± 30.0%	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.22-12-2.5m		K10.22-13-0.5m		K10.22-13-2.5m	
				Laboratory sample ID	PR2073228-040		PR2073228-041		PR2073228-042	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		28-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**77.0**	± 6.0%	**97.1**	± 6.0%	**72.7**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**10**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: SOIL				Client sample ID	K10.22-6-3m-DUP		K10.22-8-0.5m-DUP		----	
				Laboratory sample ID	PR2073228-045		PR2073228-046		----	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**77.5**	± 6.0%	**97.0**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**21**	± 30.0%	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**30**	± 30.0%	<12	----	**----**	----

Sub-Matrix: WATER				Client sample ID	FB		TB		----	
				Laboratory sample ID	PR2073228-043		PR2073228-044		----	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations									
Aluminium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----

Sub-Matrix: **WATER**

				Client sample ID	FB		TB		----	
				Laboratory sample ID	PR2073228-043		PR2073228-044		----	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations - Continued									
Antimony	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Arsenic	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Barium	W-METAXFX1	0.00050	mg/L	**0.0255**	± 10.0%	**----**	----	**----**	----
Beryllium	W-METAXFX1	0.00020	mg/L	<0.00020	----	**----**	----	**----**	----
Bismuth	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Boron	W-METAXFX1	0.010	mg/L	**0.016**	± 10.0%	**----**	----	**----**	----
Cadmium	W-METAXFX1	0.00040	mg/L	<0.00040	----	**----**	----	**----**	----
Calcium	W-METAXFX1	0.0050	mg/L	**41.0**	± 10.0%	**----**	----	**----**	----
Chromium	W-METAXFX1	0.0010	mg/L	**0.0022**	± 10.0%	**----**	----	**----**	----
Cobalt	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Copper	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Iron	W-METAXFX1	0.0020	mg/L	**0.0056**	± 10.0%	**----**	----	**----**	----
Lead	W-METAXFX1	0.0050	mg/L	<0.0050	----	**----**	----	**----**	----
Lithium	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Magnesium	W-METAXFX1	0.0030	mg/L	**24.0**	± 10.0%	**----**	----	**----**	----
Manganese	W-METAXFX1	0.00050	mg/L	<0.00050	----	**----**	----	**----**	----
Mercury	W-HG-AFSFXL	0.0020	µg/L	<0.0020	----	**----**	----	**----**	----
Molybdenum	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Nickel	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Phosphorus	W-METAXFX1	0.050	mg/L	<0.050	----	**----**	----	**----**	----
Potassium	W-METAXFX1	0.015	mg/L	**3.02**	± 10.0%	**----**	----	**----**	----
Selenium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Silicon	W-METAXFX2	0.010	mg/L	**8.49**	± 10.0%	**----**	----	**----**	----
Silver	W-METAXFX1	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Sodium	W-METAXFX1	0.030	mg/L	**27.0**	± 10.0%	**----**	----	**----**	----
Strontium	W-METAXFX2	0.0010	mg/L	**0.194**	± 10.0%	**----**	----	**----**	----
Sulphur	W-METAXFX2	0.060	mg/L	**2.12**	± 10.0%	**----**	----	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	**----**	----	**----**	----
Titanium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Vanadium	W-METAXFX1	0.0010	mg/L	**0.0077**	± 10.0%	**----**	----	**----**	----
Zinc	W-METAXFX1	0.0020	mg/L	<0.0020	----	**----**	----	**----**	----
Zirconium	W-METAXFX2	0.0010	mg/L	<0.0010	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L	<30	----	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L	<35	----	**----**	----	**----**	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	**----**	----	<10	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	**----**	----	<5.0	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	FB		TB		----	
				Laboratory sample ID	PR2073228-043		PR2073228-044		----	
				Client sampling date / time	28-Jul-2020		28-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	----	----	**246**	± 30.0%	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	

Analytical Methods	*Method Descriptions*
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
S-VOCGMS06	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	14 August 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200730-97
Your Reference:	Sde Dov
Location:	KTE-238-20-HAW
Report No:	563178

We received 5 samples on Thursday July 30, 2020 and 5 of these samples were scheduled for analysis which was completed on Tuesday August 04, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan
Operations Manager

ALS Life Sciences Limited. Registered Office: Units 7 & 8 Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US. Registered in England and Wales No. 4057291.

CERTIFICATE OF ANALYSIS

SDG:	200730-97	**Client Reference:**	Sde Dov	**Report Number:**	563178
Location:	KTE-238-20-HAW	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22577250	K10-21-4-3.0M-SOIL			28/07/2020
22577247	K10-21-6-0.5M-SOIL			28/07/2020
22577244	K10-22-4-0.5M-SOIL			28/07/2020
22577252	K10-22-4-3.0M-SOIL			28/07/2020
22577254	K10-22-5-0.5M-SOIL			28/07/2020

Maximum Sample/Coolbox Temperature (°C) : **15.2**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200730-97	**Client Reference:**	Sde Dov	**Report Number:**	563178
Location:	KTE-238-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -
S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			22577250	22577247	22577244	22577252	22577254
Customer Sample Reference			K10-21-4-3.0M-SOIL	K10-21-6-0.5M-SOIL	K10-22-4-0.5M-SOIL	K10-22-4-3.0M-SOIL	K10-22-5-0.5M-SOIL
AGS Reference							
Depth (m)							
Container			120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)	120g Amber Jar (ALE217)
Sample Type			S	S	S	S	S
EPH by GCxGC-FID	All	NDPs: 3 Tests: 2	N	N		N	
					X		X
Sample description	All	NDPs: 0 Tests: 5					
			X	X	X	X	X

CERTIFICATE OF ANALYSIS

SDG:	200730-97	**Client Reference:**	Sde Dov	**Report Number:**	563178
Location:	KTE-238-20-HAW	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	fine	0.063mm - 0.1mm	medium	0.1mm - 2mm	coarse	2mm - 10mm	very coarse	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22577250	K10-21-4-3.0M-SOIL		Light Brown	Sand	None	None
22577247	K10-21-6-0.5M-SOIL		Light Brown	Sand	Stones	None
22577244	K10-22-4-0.5M-SOIL		Light Brown	Sand	Stones	None
22577252	K10-22-4-3.0M-SOIL		Light Brown	Sand	None	None
22577254	K10-22-5-0.5M-SOIL		Light Brown	Sand	None	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200730-97	**Client Reference:**	Sde Dov	**Report Number:**	563178
Location:	KTE-238-20-HAW	**Order Number:**		**Superseded Report:**	

Results Legend	
#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K10-22-4-0.5M-SOIL	K10-22-5-0.5M-SOIL				
			Depth (m)	.	.				
			Sample Type	Soil/Solid (S)	Soil/Solid (S)				
			Date Sampled	28/07/2020	28/07/2020				
			Sample Time	.	.				
			Date Received	30/07/2020	30/07/2020				
			SDG Ref	200730-97	200730-97				
			Lab Sample No.(s)	22577244	22577254				
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		9.9	0.4				
EPH Surrogate % recovery**	%	TM415		118	112				
EPH >C10-C40	<35 mg/kg	TM415		<35 M	<35 M				
EPH Band >C10-C12	<35 mg/kg	TM415		<35	<35				
EPH Band >C12-C16	<35 mg/kg	TM415		<35	<35				
EPH Band >C16-C21	<35 mg/kg	TM415		<35	<35				
EPH Band >C21-C28	<35 mg/kg	TM415		<35	<35				
EPH Band >C28-C35	<35 mg/kg	TM415		<35	<35				
EPH Band >C35-C40	<35 mg/kg	TM415		<35	<35				

Validated

CERTIFICATE OF ANALYSIS

SDG:	200730-97	**Client Reference:**	Sde Dov	**Report Number:**	563178
Location:	KTE-238-20-HAW	**Order Number:**		**Superseded Report:**	

Notification of NDPs (No determination possible)

Date Received : 30/07/2020 14:28:07

Sample No	Customer Sample Ref.	Depth (m)	Test	Comment
22577250	K10-21-4-3.0M-SOIL		EPH by GCxGC-FID	Insufficient Sample
22577247	K10-21-6-0.5M-SOIL		EPH by GCxGC-FID	Insufficient Sample
22577252	K10-22-4-3.0M-SOIL		EPH by GCxGC-FID	Insufficient Sample

CERTIFICATE OF ANALYSIS

SDG:	200730-97	**Client Reference:**	Sde Dov	**Report Number:**	563178
Location:	KTE-238-20-HAW	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM415	Analysis of Petroleum Hydrocarbons in Environmental Media.	Determination of Extractable Petroleum Hydrocarbons in Soils by GCxGC-FID

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200730-97	**Client Reference:**	Sde Dov	**Report Number:**	563178
Location:	KTE-238-20-HAW	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22577250	22577247	22577244	22577252	22577254
Customer Sample Ref.	K10-21-4-3.0M-S OIL	K10-21-6-0.5M-S OIL	K10-22-4-0.5M-S OIL	K10-22-4-3.0M-S OIL	K10-22-5-0.5M-S OIL
AGS Ref.					
Depth					
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
EPH by GCxGC-FID			04-Aug-2020		04-Aug-2020
Sample description	31-Jul-2020	31-Jul-2020	31-Jul-2020	31-Jul-2020	31-Jul-2020

Appendix General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2073547**	Issue Date	: 11-Aug-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-239-20	Page	: 1 of 13
Order number	: ----	Date Samples Received	: 31-Jul-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 31-Jul-2020 - 11-Aug-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.
The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.
Sample(s) PR2073547/009, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.
Sample(s) PR2073547/002,006, method S-TPHFID14 - contain(s) low-boiling hydrocarbons with retention time less than retention time of C10.
Sample(s) PR2073547/002,006,008 method S-SMVGMS03, S-SVOCSUM01 - LOR for particular sample(s) raised due to matrix interference.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K11-GW9-0.5m		K11-GW9-3m		K11-GW10-0.5m	
				Laboratory sample ID	PR2073547-001		PR2073547-002		PR2073547-003	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		**----**	----	<1.50	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW		**----**	----	<10.5	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**88.6**	± 6.0%	**87.2**	± 6.0%	**97.2**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**5190**	± 20.0%	**----**	----	**2820**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		**1.52**	± 20.0%	**----**	----	**1.57**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**30.6**	± 20.0%	**----**	----	**16.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.155**	± 20.0%	**----**	----	**0.091**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.1**	± 20.0%	**----**	----	**2.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**47100**	± 20.0%	**----**	----	**75000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**9.46**	± 20.0%	**----**	----	**6.20**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**2.32**	± 20.0%	**----**	----	**1.36**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**2.8**	± 20.0%	**----**	----	**1.8**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**5180**	± 20.0%	**----**	----	**3360**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**1.9**	± 20.0%	**----**	----	**1.5**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**4.7**	± 20.0%	**----**	----	**2.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1330**	± 20.0%	**----**	----	**1070**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**154**	± 20.0%	**----**	----	**103**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**4.8**	± 20.0%	**----**	----	**2.8**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**114**	± 20.0%	**----**	----	**137**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**840**	± 20.0%	**----**	----	**516**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**236**	± 20.0%	**----**	----	**257**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**182**	± 20.0%	**----**	----	**371**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**214**	± 20.0%	**----**	----	**284**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		**92**	± 20.0%	**----**	----	**90**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**194**	± 20.0%	**----**	----	**114**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**9.58**	± 20.0%	**----**	----	**7.88**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**9.6**	± 20.0%	**----**	----	**7.8**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**862**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**16**	± 30.0%	**19600**	± 30.0%	<12	----
BTEX										
Benzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	**19.5**	± 30.0%	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		**----**	----	<5.0	----	**----**	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		K11-GW9-0.5m		K11-GW9-3m		K11-GW10-0.5m	
				Laboratory sample ID		PR2073547-001		PR2073547-002		PR2073547-003	
				Client sampling date / time		29-Jul-2020		29-Jul-2020		29-Jul-2020	
						Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds - Continued											
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
Non-Halogenated Volatile Organic Compounds											
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	**70.1**	± 30.0%	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW			----	----	<10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	**179**	± 30.0%	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	**244**	± 30.0%	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	**304**	± 30.0%	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW			----	----	<5.0	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW			----	----	**15**	± 30.0%	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW			----	----	**8.0**	± 30.0%	----	----
Aromatic Compounds											
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.200	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.500	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.450	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K11-GW9-0.5m		K11-GW9-3m		K11-GW10-0.5m	
				Laboratory sample ID	PR2073547-001		PR2073547-002		PR2073547-003	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aromatic Compounds - Continued									
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	**2.50**	± 30.0%	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.450	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<1.20	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.100	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.750	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.300	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<1.42	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<2.24	----	----	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	----	----	**83**	± 30.0%	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<1.24	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.320	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.080	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	**0.420**	± 30.0%	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.060	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.040	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.150	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.100	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	----	----	<0.50	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<5.05	----	----	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.300	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.100	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<2.00	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	<3.75	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	----	----	<3.10	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<3.00	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	----	----	<2.00	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.450	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<1.05	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<1.55	----	----	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	----	----	<0.040	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	----	----	<0.005	----	----	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.100	----	----	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	----	----	<1.20	----	----	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		K11-GW9-0.5m		K11-GW9-3m		K11-GW10-0.5m	
				Laboratory sample ID		PR2073547-001		PR2073547-002		PR2073547-003	
				Client sampling date / time		29-Jul-2020		29-Jul-2020		29-Jul-2020	
						Result	MU	Result	MU	Result	MU
Phthalates											
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.350	----	----	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW			----	----	<1.00	----	----	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.200	----	----	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW			----	----	**1.12**	± 30.0%	----	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----
Aldehydes / Ketones											
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW			----	----	<10.5	----	----	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.250	----	----	----
Alcohols / Esters											
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW			----	----	<0.050	----	----	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		K11-GW10-3m		KGW-11-8-0.5m		KGW-11-8-3m	
				Laboratory sample ID		PR2073547-004		PR2073547-005		PR2073547-006	
				Client sampling date / time		29-Jul-2020		29-Jul-2020		29-Jul-2020	
						Result	MU	Result	MU	Result	MU
Pesticides - Other pesticides and pesticide metabolites											
Dinoseb	S-SMVGMS03	0.50	mg/kg DW			----	----	----	----	<1.50	----
Other											
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW			----	----	----	----	<9.5	----
Physical Parameters											
Dry matter @ 105°C	S-DRY-GRCI	0.10	%			**81.5**	± 6.0%	**97.2**	± 6.0%	**83.0**	± 6.0%
Extractable Metals / Major Cations											
Aluminium	S-METAXHB2	1.0	mg/kg DW			----	----	**3110**	± 20.0%	----	----
Antimony	S-METAXHB1	0.50	mg/kg DW			----	----	<0.50	----	----	----
Arsenic	S-METAXHB1	0.50	mg/kg DW			----	----	**1.87**	± 20.0%	----	----
Barium	S-METAXHB1	0.20	mg/kg DW			----	----	**17.8**	± 20.0%	----	----
Beryllium	S-METAXHB1	0.010	mg/kg DW			----	----	**0.097**	± 20.0%	----	----
Bismuth	S-METAXHB2	1.0	mg/kg DW			----	----	<1.0	----	----	----
Boron	S-METAXHB2	1.0	mg/kg DW			----	----	**1.8**	± 20.0%	----	----
Cadmium	S-METAXHB1	0.40	mg/kg DW			----	----	<0.40	----	----	----
Calcium	S-METAXHB2	50	mg/kg DW			----	----	**50200**	± 20.0%	----	----
Chromium	S-METAXHB1	0.50	mg/kg DW			----	----	**6.79**	± 20.0%	----	----
Cobalt	S-METAXHB1	0.20	mg/kg DW			----	----	**1.54**	± 20.0%	----	----
Copper	S-METAXHB1	1.0	mg/kg DW			----	----	**2.2**	± 20.0%	----	----
Iron	S-METAXHB1	10	mg/kg DW			----	----	**3590**	± 20.0%	----	----
Lead	S-METAXHB1	1.0	mg/kg DW			----	----	**2.8**	± 20.0%	----	----
Lithium	S-METAXHB1	1.0	mg/kg DW			----	----	**2.9**	± 20.0%	----	----
Magnesium	S-METAXHB2	5.0	mg/kg DW			----	----	**984**	± 20.0%	----	----
Manganese	S-METAXHB1	0.50	mg/kg DW			----	----	**111**	± 20.0%	----	----
Mercury	S-METAXHB1	0.20	mg/kg DW			----	----	<0.20	----	----	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW			----	----	<0.40	----	----	----
Nickel	S-METAXHB1	1.0	mg/kg DW			----	----	**3.4**	± 20.0%	----	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW			----	----	**122**	± 20.0%	----	----
Potassium	S-METAXHB2	5.0	mg/kg DW			----	----	**524**	± 20.0%	----	----
Selenium	S-METAXHB2	2.0	mg/kg DW			----	----	<2.0	----	----	----
Silicon	S-METAXHB2	50	mg/kg DW			----	----	**260**	± 20.0%	----	----
Silver	S-METAXHB1	0.50	mg/kg DW			----	----	<0.50	----	----	----
Sodium	S-METAXHB2	15	mg/kg DW			----	----	**213**	± 20.0%	----	----
Strontium	S-METAXHB1	0.10	mg/kg DW			----	----	**186**	± 20.0%	----	----
Sulphur	S-METAXHB2	30	mg/kg DW			----	----	**66**	± 20.0%	----	----
Tellurium	S-METAXHB2	1.0	mg/kg DW			----	----	<1.0	----	----	----
Thallium	S-METAXHB1	0.50	mg/kg DW			----	----	<0.50	----	----	----
Tin	S-METAXHB1	1.0	mg/kg DW			----	----	<1.0	----	----	----
Titanium	S-METAXHB2	0.20	mg/kg DW			----	----	**134**	± 20.0%	----	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		Client sample ID		Client sample ID	
				Laboratory sample ID		Laboratory sample ID		Laboratory sample ID	
				Client sampling date / time		Client sampling date / time		Client sampling date / time	
				K11-GW10-3m		**KGW-11-8-0.5m**		**KGW-11-8-3m**	
				PR2073547-004		PR2073547-005		PR2073547-006	
				29-Jul-2020		29-Jul-2020		29-Jul-2020	
				Result	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**9.78**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**9.7**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**12**	± 30.0%	<10	----	**493**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**253**	± 30.0%	<12	----	**12600**	± 30.0%
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	**----**	----	**----**	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		Client sample ID		Client sample ID	
				Laboratory sample ID		Laboratory sample ID		Laboratory sample ID	
				Client sampling date / time		Client sampling date / time		Client sampling date / time	
				K11-GW10-3m		**KGW-11-8-0.5m**		**KGW-11-8-3m**	
				PR2073547-004		PR2073547-005		PR2073547-006	
				29-Jul-2020		29-Jul-2020		29-Jul-2020	
				Result	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**0.58**	± 40.0%
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**2.06**	± 40.0%
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**3.73**	± 40.0%
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**1.97**	± 40.0%
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	**----**	----	**----**	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	**----**	----	**----**	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	**----**	----	**----**	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	**1.16**	± 30.0%
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.150	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.200	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.300	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.140	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.160	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	**----**	----	**0.76**	± 40.0%
Fluorene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.940	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	**0.413**	± 30.0%
Anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.140	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.040	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	**0.141**	± 30.0%
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.300	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<2.50	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.200	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<3.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<1.60	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<1.25	----

Sub-Matrix: **SOIL**				Client sample ID	K11-GW10-3m		KGW-11-8-0.5m		KGW-11-8-3m	
				Laboratory sample ID	PR2073547-004		PR2073547-005		PR2073547-006	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Nitroaromatic Compounds - Continued									
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<2.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	**----**	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.400	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.200	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.500	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	**----**	----	<0.040	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.400	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.100	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.300	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.150	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	**0.416**	± 30.0%
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	**----**	----	<9.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.250	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	KGW-11-11-0.5m		KGW-11-11-3m		KGW-11-12-0.5m	
				Laboratory sample ID	PR2073547-007		PR2073547-008		PR2073547-009	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**----**	----	<1.5	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.4**	± 6.0%	**75.4**	± 6.0%	**96.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3390**	± 20.0%	**----**	----	**2520**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.07**	± 20.0%	**----**	----	**3.59**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**20.0**	± 20.0%	**----**	----	**24.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.111**	± 20.0%	**----**	----	**0.076**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	**----**	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.9**	± 20.0%	**----**	----	**1.8**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**----**	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**41600**	± 20.0%	**----**	----	**82900**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.57**	± 20.0%	**----**	----	**8.14**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.63**	± 20.0%	**----**	----	**1.97**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**2.8**	± 20.0%	**----**	----	**4.1**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**3920**	± 20.0%	**----**	----	**4450**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**6.9**	± 20.0%	**----**	----	**17.1**	± 20.0%

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID		KGW-11-11-0.5m		KGW-11-11-3m		KGW-11-12-0.5m	
				Laboratory sample ID		PR2073547-007		PR2073547-008		PR2073547-009	
				Client sampling date / time		29-Jul-2020		29-Jul-2020		29-Jul-2020	
						Result	MU	Result	MU	Result	MU
Extractable Metals / Major Cations - Continued											
Lithium	S-METAXHB1	1.0	mg/kg DW			**2.9**	± 20.0%	**----**	----	**2.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW			**1120**	± 20.0%	**----**	----	**2260**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW			**104**	± 20.0%	**----**	----	**122**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW			<0.20	----	**----**	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW			<0.40	----	**----**	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW			**5.4**	± 20.0%	**----**	----	**49.9**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW			**110**	± 20.0%	**----**	----	**148**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW			**584**	± 20.0%	**----**	----	**428**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW			<2.0	----	**----**	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW			**251**	± 20.0%	**----**	----	**250**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW			<0.50	----	**----**	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW			**176**	± 20.0%	**----**	----	**192**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW			**197**	± 20.0%	**----**	----	**304**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW			**83**	± 20.0%	**----**	----	**112**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW			<1.0	----	**----**	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW			<0.50	----	**----**	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW			<1.0	----	**----**	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW			**151**	± 20.0%	**----**	----	**149**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW			**13.2**	± 20.0%	**----**	----	**74.9**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW			**18.0**	± 20.0%	**----**	----	**46.3**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW			<5.0	----	**----**	----	<5.0	----
Total Petroleum Hydrocarbons											
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW			<10	----	<10	----	**104**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW			<12	----	**191**	± 30.0%	**45**	± 30.0%
BTEX											
Benzene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
Halogenated Volatile Organic Compounds											
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW			**----**	----	<10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW			**----**	----	<10	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW			**----**	----	<0.050	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW			**----**	----	<0.050	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW			**----**	----	<5.0	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	KGW-11-11-0.5m		KGW-11-11-3m		KGW-11-12-0.5m	
				Laboratory sample ID	PR2073547-007		PR2073547-008		PR2073547-009	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Bromomethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	----	----	<5.0	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	----	----	<10	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	KGW-11-11-0.5m		KGW-11-11-3m		KGW-11-12-0.5m	
				Laboratory sample ID	PR2073547-007		PR2073547-008		PR2073547-009	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.100	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<1.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	KGW-11-12-3m		K15.31-9-0.5m-DUP		----	
				Laboratory sample ID	PR2073547-010		PR2073547-011		----	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**71.5**	± 6.0%	**99.2**	± 6.0%	**----**	----
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2180**	± 20.0%	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	KGW-11-12-3m		K15.31-9-0.5m-DUP		----	
				Laboratory sample ID	PR2073547-010		PR2073547-011		----	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	**3.76**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**17.3**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.064**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**1.3**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**112000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**5.38**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**1.17**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.5**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**2430**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**5.8**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**2.1**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**2750**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**117**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.0**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**120**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**319**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**211**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**207**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**410**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**122**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**115**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**9.33**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**9.1**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**29**	± 30.0%	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.

Analytical Methods	*Method Descriptions*
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO/TS 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
S-VOCGMS06	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2073548**	Issue Date	: 04-Sep-2020
Amendment	: **2**		
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-239-20	Page	: 1 of 7
Order number	: ----	Date Samples Received	: 31-Jul-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 31-Jul-2020 - 04-Sep-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2073548/014, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Amendment No. 2: Parametrs added for samples PR2073548-013-020, client request. This Amendment No.2 replaces the Amendment No. 1 issued on 3.9.2020.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.31-9-0.5m Laboratory sample ID: PR2073548-001 Client sampling date / time: 29-Jul-2020		Client sample ID: K15.31-9-3m Laboratory sample ID: PR2073548-002 Client sampling date / time: 29-Jul-2020		Client sample ID: K15.31-6-0.5m Laboratory sample ID: PR2073548-003 Client sampling date / time: 29-Jul-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**99.2**	± 6.0%	**79.6**	± 6.0%	**98.5**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**2180**	± 20.0%	**17600**	± 20.0%	**1890**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.87**	± 20.0%	**0.93**	± 20.0%	**2.77**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**16.4**	± 20.0%	**121**	± 20.0%	**19.0**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.068**	± 20.0%	**0.426**	± 20.0%	**0.060**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.5**	± 20.0%	**6.4**	± 20.0%	**1.8**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**0.51**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW	**103000**	± 20.0%	**202000**	± 20.0%	**96900**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**5.13**	± 20.0%	**26.4**	± 20.0%	**9.05**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.13**	± 20.0%	**6.84**	± 20.0%	**1.31**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**3.4**	± 20.0%	**5.6**	± 20.0%	**30.8**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**2450**	± 20.0%	**15800**	± 20.0%	**4640**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**5.4**	± 20.0%	**2.6**	± 20.0%	**30.6**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**2.1**	± 20.0%	**19.7**	± 20.0%	**1.7**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**2630**	± 20.0%	**8120**	± 20.0%	**2390**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**106**	± 20.0%	**739**	± 20.0%	**112**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**3.0**	± 20.0%	**13.3**	± 20.0%	**6.5**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**114**	± 20.0%	**196**	± 20.0%	**133**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**298**	± 20.0%	**2620**	± 20.0%	**300**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**196**	± 20.0%	**117**	± 20.0%	**183**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**198**	± 20.0%	**559**	± 20.0%	**325**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**404**	± 20.0%	**2230**	± 20.0%	**354**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**120**	± 20.0%	**246**	± 20.0%	**116**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**111**	± 20.0%	**489**	± 20.0%	**86.8**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**8.71**	± 20.0%	**33.4**	± 20.0%	**11.6**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**8.5**	± 20.0%	**17.4**	± 20.0%	**35.6**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	**10.5**	± 20.0%	<5.0	----

Sub-Matrix: **SOIL**

Parameter	Method	LOR	Unit	Client sample ID: K15.31-6-3m Laboratory sample ID: PR2073548-004 Client sampling date / time: 29-Jul-2020		Client sample ID: K15.31-7-0.5m Laboratory sample ID: PR2073548-005 Client sampling date / time: 29-Jul-2020		Client sample ID: K15.31-7-3m Laboratory sample ID: PR2073548-006 Client sampling date / time: 29-Jul-2020	
				Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.4**	± 6.0%	**99.0**	± 6.0%	**94.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1930**	± 20.0%	**2830**	± 20.0%	**3730**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.42**	± 20.0%	**2.26**	± 20.0%	**3.85**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**19.8**	± 20.0%	**22.6**	± 20.0%	**28.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.059**	± 20.0%	**0.096**	± 20.0%	**0.112**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.0**	± 20.0%	**3.5**	± 20.0%	**2.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**78700**	± 20.0%	**85100**	± 20.0%	**75400**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.31-6-3m		K15.31-7-0.5m		K15.31-7-3m	
				Laboratory sample ID	PR2073548-004		PR2073548-005		PR2073548-006	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Chromium	S-METAXHB1	0.50	mg/kg DW	**5.69**	± 20.0%	**9.88**	± 20.0%	**9.79**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.25**	± 20.0%	**1.60**	± 20.0%	**2.50**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**11.8**	± 20.0%	**8.0**	± 20.0%	**29.5**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**2310**	± 20.0%	**5600**	± 20.0%	**9430**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**14.0**	± 20.0%	**6.0**	± 20.0%	**18.1**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.8**	± 20.0%	**3.3**	± 20.0%	**3.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1970**	± 20.0%	**8200**	± 20.0%	**4420**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**108**	± 20.0%	**99.2**	± 20.0%	**139**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**0.53**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**10.4**	± 20.0%	**6.3**	± 20.0%	**19.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**120**	± 20.0%	**164**	± 20.0%	**179**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**288**	± 20.0%	**430**	± 20.0%	**547**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**193**	± 20.0%	**182**	± 20.0%	**157**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**196**	± 20.0%	**242**	± 20.0%	**218**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**280**	± 20.0%	**224**	± 20.0%	**276**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**131**	± 20.0%	**3160**	± 20.0%	**166**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**1.4**	± 20.0%
Titanium	S-METAXHB2	0.20	mg/kg DW	**103**	± 20.0%	**128**	± 20.0%	**176**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**19.5**	± 20.0%	**12.8**	± 20.0%	**31.2**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**135**	± 20.0%	**63.8**	± 20.0%	**168**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.31-8-0.5m		K15.31-8-2.8m		K15.31-4-0.5m	
				Laboratory sample ID	PR2073548-007		PR2073548-008		PR2073548-009	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.8**	± 6.0%	**93.2**	± 6.0%	**98.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3050**	± 20.0%	**5390**	± 20.0%	**3540**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	**1.56**	± 20.0%	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**3.68**	± 20.0%	**3.40**	± 20.0%	**3.43**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**19.5**	± 20.0%	**29.0**	± 20.0%	**20.6**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.093**	± 20.0%	**0.152**	± 20.0%	**0.092**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.5**	± 20.0%	**3.3**	± 20.0%	**2.2**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**0.85**	± 20.0%	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**87000**	± 20.0%	**99200**	± 20.0%	**108000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.18**	± 20.0%	**11.3**	± 20.0%	**8.23**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.48**	± 20.0%	**2.47**	± 20.0%	**1.67**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**4.6**	± 20.0%	**12.5**	± 20.0%	**15.2**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**3670**	± 20.0%	**5660**	± 20.0%	**3780**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**10.7**	± 20.0%	**176**	± 20.0%	**14.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.0**	± 20.0%	**5.0**	± 20.0%	**3.3**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**4800**	± 20.0%	**4140**	± 20.0%	**7460**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**118**	± 20.0%	**160**	± 20.0%	**118**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**0.62**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**8.0**	± 20.0%	**13.2**	± 20.0%	**10.4**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**136**	± 20.0%	**155**	± 20.0%	**133**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**427**	± 20.0%	**714**	± 20.0%	**527**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.31-8-0.5m		K15.31-8-2.8m		K15.31-4-0.5m	
				Laboratory sample ID	PR2073548-007		PR2073548-008		PR2073548-009	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**183**	± 20.0%	**163**	± 20.0%	**196**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**244**	± 20.0%	**356**	± 20.0%	**226**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**286**	± 20.0%	**303**	± 20.0%	**305**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**271**	± 20.0%	**221**	± 20.0%	**153**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**154**	± 20.0%	**270**	± 20.0%	**158**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**13.5**	± 20.0%	**27.7**	± 20.0%	**16.4**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**28.5**	± 20.0%	**44.9**	± 20.0%	**24.1**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.31-4-3m		K15.31-5-0.5m		K15.31-5-3m	
				Laboratory sample ID	PR2073548-010		PR2073548-011		PR2073548-012	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**97.9**	± 6.0%	**97.8**	± 6.0%	**98.2**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**3860**	± 20.0%	**2720**	± 20.0%	**4620**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.61**	± 20.0%	**4.95**	± 20.0%	**2.64**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**25.2**	± 20.0%	**17.5**	± 20.0%	**24.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.113**	± 20.0%	**0.074**	± 20.0%	**0.122**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.2**	± 20.0%	**1.7**	± 20.0%	**3.1**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**0.53**	± 20.0%
Calcium	S-METAXHB2	50	mg/kg DW	**97900**	± 20.0%	**110000**	± 20.0%	**134000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**8.76**	± 20.0%	**5.96**	± 20.0%	**10.0**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.85**	± 20.0%	**1.26**	± 20.0%	**2.01**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**5.1**	± 20.0%	**1.7**	± 20.0%	**16.0**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4630**	± 20.0%	**3130**	± 20.0%	**5440**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**13.2**	± 20.0%	**1.3**	± 20.0%	**20.9**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.6**	± 20.0%	**2.7**	± 20.0%	**4.8**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**3670**	± 20.0%	**1510**	± 20.0%	**5990**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**139**	± 20.0%	**128**	± 20.0%	**132**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**9.6**	± 20.0%	**3.1**	± 20.0%	**15.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**154**	± 20.0%	**135**	± 20.0%	**272**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**504**	± 20.0%	**332**	± 20.0%	**624**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**194**	± 20.0%	**208**	± 20.0%	**198**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**321**	± 20.0%	**212**	± 20.0%	**370**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**326**	± 20.0%	**499**	± 20.0%	**399**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**164**	± 20.0%	**99**	± 20.0%	**168**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**194**	± 20.0%	**164**	± 20.0%	**182**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**17.8**	± 20.0%	**12.5**	± 20.0%	**26.3**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**25.8**	± 20.0%	**6.0**	± 20.0%	**42.3**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----

Sub-Matrix: **SOIL**				Client sample ID	K15.54-4-0.5m		K15.54-4-3m		K15.54-7-0.5m	
				Laboratory sample ID	PR2073548-013		PR2073548-014		PR2073548-015	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.1**	± 6.0%	**90.2**	± 6.0%	**96.4**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**4510**	± 20.0%	**6730**	± 20.0%	**1970**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.89**	± 20.0%	**1.75**	± 20.0%	**5.97**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**17.8**	± 20.0%	**30.2**	± 20.0%	**19.5**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.112**	± 20.0%	**0.177**	± 20.0%	**0.111**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**2.9**	± 20.0%	**4.6**	± 20.0%	**1.6**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**105000**	± 20.0%	**95900**	± 20.0%	**162000**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**7.79**	± 20.0%	**13.6**	± 20.0%	**4.57**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**1.95**	± 20.0%	**2.72**	± 20.0%	**1.09**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**8.3**	± 20.0%	**7.1**	± 20.0%	**1.4**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**4620**	± 20.0%	**6350**	± 20.0%	**2000**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**6.5**	± 20.0%	**18.0**	± 20.0%	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**5.0**	± 20.0%	**7.1**	± 20.0%	**1.9**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**26800**	± 20.0%	**16800**	± 20.0%	**1230**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**108**	± 20.0%	**137**	± 20.0%	**104**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	**0.41**	± 20.0%	**0.43**	± 20.0%
Nickel	S-METAXHB1	1.0	mg/kg DW	**12.0**	± 20.0%	**27.6**	± 20.0%	**1.9**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**96.5**	± 20.0%	**268**	± 20.0%	**85.7**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**556**	± 20.0%	**952**	± 20.0%	**243**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**173**	± 20.0%	**172**	± 20.0%	**213**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**207**	± 20.0%	**218**	± 20.0%	**172**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**170**	± 20.0%	**218**	± 20.0%	**518**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**191**	± 20.0%	**334**	± 20.0%	**99**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**205**	± 20.0%	**248**	± 20.0%	**125**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**21.2**	± 20.0%	**42.7**	± 20.0%	**7.20**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**14.4**	± 20.0%	**35.0**	± 20.0%	**3.7**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**20**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**177**	± 30.0%	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.54-7-3m		K15.54-5-0.5m		K15.54-5-3m	
				Laboratory sample ID	PR2073548-016		PR2073548-017		PR2073548-018	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.9**	± 6.0%	**97.3**	± 6.0%	**97.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**831**	± 20.0%	**1320**	± 20.0%	**832**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**1.50**	± 20.0%	**3.16**	± 20.0%	**3.14**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**8.91**	± 20.0%	**13.6**	± 20.0%	**11.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.051**	± 20.0%	**0.091**	± 20.0%	**0.051**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.1**	± 20.0%	**1.7**	± 20.0%	**1.4**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**48700**	± 20.0%	**138000**	± 20.0%	**81500**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K15.54-7-3m		K15.54-5-0.5m		K15.54-5-3m	
				Laboratory sample ID	PR2073548-016		PR2073548-017		PR2073548-018	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		29-Jul-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.10**	± 20.0%	**4.03**	± 20.0%	**3.42**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.62**	± 20.0%	**0.84**	± 20.0%	**0.70**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**1.1**	± 20.0%	<1.0	----
Iron	S-METAXHB1	10	mg/kg DW	**1060**	± 20.0%	**1640**	± 20.0%	**1260**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	<1.0	----	**1.4**	± 20.0%	<1.0	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**586**	± 20.0%	**4190**	± 20.0%	**794**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**65.7**	± 20.0%	**107**	± 20.0%	**94.4**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	**1.8**	± 20.0%	**1.2**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**87.6**	± 20.0%	**124**	± 20.0%	**117**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**147**	± 20.0%	**222**	± 20.0%	**141**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**272**	± 20.0%	**204**	± 20.0%	**265**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**216**	± 20.0%	**420**	± 20.0%	**389**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**197**	± 20.0%	**453**	± 20.0%	**311**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**68**	± 20.0%	**124**	± 20.0%	**103**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**42.9**	± 20.0%	**71.7**	± 20.0%	**41.7**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**2.17**	± 20.0%	**5.66**	± 20.0%	**2.88**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	**3.8**	± 20.0%	<3.0	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K15.54-6-0.5m		K15.54-6-3m		----	
				Laboratory sample ID	PR2073548-019		PR2073548-020		----	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**98.7**	± 6.0%	**97.4**	± 6.0%	**----**	----
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**1160**	± 20.0%	**829**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**2.44**	± 20.0%	**1.76**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW	**13.5**	± 20.0%	**9.10**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.050**	± 20.0%	**0.045**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.5**	± 20.0%	**1.0**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW	**110000**	± 20.0%	**66000**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW	**3.56**	± 20.0%	**3.15**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW	**0.83**	± 20.0%	**0.59**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Iron	S-METAXHB1	10	mg/kg DW	**1440**	± 20.0%	**1090**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**1.0**	± 20.0%	<1.0	----	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW	**2100**	± 20.0%	**731**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW	**130**	± 20.0%	**71.0**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K15.54-6-0.5m		K15.54-6-3m		----	
				Laboratory sample ID	PR2073548-019		PR2073548-020		----	
				Client sampling date / time	29-Jul-2020		29-Jul-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Nickel	S-METAXHB1	1.0	mg/kg DW	**1.4**	± 20.0%	<1.0	----	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**135**	± 20.0%	**104**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW	**180**	± 20.0%	**142**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW	**214**	± 20.0%	**257**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW	**391**	± 20.0%	**262**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW	**424**	± 20.0%	**232**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW	**126**	± 20.0%	**74**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**58.4**	± 20.0%	**43.8**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW	**4.08**	± 20.0%	**2.32**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW	<3.0	----	<3.0	----	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW	<5.0	----	<5.0	----	**----**	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO/TS 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

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Dr Katz Technologies & Enterprises (KTE)
Hameginim 53
Haifa
Israel

Attention: Eyal Shvartz

CERTIFICATE OF ANALYSIS

Date of report Generation:	07 August 2020
Customer:	Dr Katz Technologies & Enterprises (KTE)
Sample Delivery Group (SDG):	200731-108
Your Reference:	KTE-239-20-HAW
Location:	Sde Dov
Report No:	562339

We received 3 samples on Friday July 31, 2020 and 3 of these samples were scheduled for analysis which was completed on Friday August 07, 2020. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.
Incorrect sampling dates and/or sample information will affect the validity of results.
The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:

Sonia McWhan
Operations Manager

ALS Life Sciences Limited. Registered Office: Units 7 & 8 Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US. Registered in England and Wales No. 4057291.

CERTIFICATE OF ANALYSIS

SDG:	200731-108	**Client Reference:**	KTE-239-20-HAW	**Report Number:**	562339
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
22584143	K15-31-5		0.50	29/07/2020
22584146	K15-31-6		3.00	29/07/2020
22584144	K15-31-8		2.80	29/07/2020

Maximum Sample/Coolbox Temperature (°C) : **16.2**

ISO5667-3 Water quality - Sampling - Part3 -

During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200731-108	**Client Reference:**	KTE-239-20-HAW	**Report Number:**	562339
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

X **Test**

N **No Determination Possible**

Sample Types -
S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

Lab Sample No(s)			22584143	22584146	22584144
Customer Sample Reference			K15-31-5	K15-31-6	K15-31-8
AGS Reference					
Depth (m)			0.50	3.00	2.80
Container			100g Glass Jar	100g Glass Jar	100g Glass Jar
Sample Type			S	S	S
Alkali Metals by iCap-OES (Soil)	All	NDPs: 0 Tests: 3	X	X	X
Metals in solid samples by OES	All	NDPs: 0 Tests: 3	X	X	X
Sample description	All	NDPs: 0 Tests: 3	X	X	X
Silver	All	NDPs: 0 Tests: 3	X	X	X

CERTIFICATE OF ANALYSIS

SDG:	200731-108	**Client Reference:**	KTE-239-20-HAW	**Report Number:**	562339
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Sample Descriptions

Grain Sizes

very fine	<0.063mm	fine	0.063mm - 0.1mm	medium	0.1mm - 2mm	coarse	2mm - 10mm	very coarse	>10mm

Lab Sample No(s)	Customer Sample Ref.	Depth (m)	Colour	Description	Inclusions	Inclusions 2
22584143	K15-31-5	0.50	Cream	Sand	Stones	None
22584146	K15-31-6	3.00	Cream	Sand	Stones	None
22584144	K15-31-8	2.80	Light Brown	Sand	Stones	None

These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally ocurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated

CERTIFICATE OF ANALYSIS

SDG:	200731-108	**Client Reference:**	KTE-239-20-HAW	**Report Number:**	562339
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Results Legend

#	ISO17025 accredited.
M	mCERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted - refer to subcontractor report for accreditation status.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-3+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	K15-31-5	K15-31-6	K15-31-8			
			Depth (m)	0.50	3.00	2.80			
			Sample Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)			
			Date Sampled	29/07/2020	29/07/2020	29/07/2020			
			Sample Time	.	.	.			
			Date Received	31/07/2020	31/07/2020	31/07/2020			
			SDG Ref	200731-108	200731-108	200731-108			
			Lab Sample No.(s)	22584143	22584146	22584144			
			AGS Reference						
Moisture Content Ratio (% of as received sample)	%	PM024		0.78	2.5	0			
Aluminium	<11 mg/kg	TM181		2450	1410	4450			
Antimony	<0.6 mg/kg	TM181		<0.6 #	<0.6 #	2.43 #			
Arsenic	<0.6 mg/kg	TM181		5.39 M	4.44 M	3.18 M			
Barium	<0.6 mg/kg	TM181		22.7 #	28.5 #	34.4 #			
Beryllium	<0.01 mg/kg	TM181		0.0609 M	0.0234 M	0.152 M			
Boron	<0.7 mg/kg	TM181		1.64 #	1.88 #	4.38 #			
Cadmium	<0.02 mg/kg	TM181		<0.02 M	1.01 M	0.883 M			
Chromium	<0.9 mg/kg	TM181		7.39 M	6.64 M	11.6 M			
Cobalt	<0.1 mg/kg	TM181		11.1 M	8.63 M	2.97 M			
Copper	<1.4 mg/kg	TM181		2.05 M	21.1 M	7.06 M			
Iron	<1000 mg/kg	TM181		3580 #	2800 #	5240 #			
Lead	<0.7 mg/kg	TM181		1.16 M	25.8 M	247 M			
Manganese	<0.13 mg/kg	TM181		130 M	102 M	157 M			
Mercury	<0.14 mg/kg	TM181		<0.14 M	<0.14 M	<0.14 M			
Molybdenum	<0.1 mg/kg	TM181		<0.1 #	<0.1 #	0.183 #			
Nickel	<0.2 mg/kg	TM181		4.16 M	10.9 M	14.9 M			
Phosphorus	<1 mg/kg	TM181		129	152	165			
Selenium	<1 mg/kg	TM181		<1 #	<1 #	<1 #			
Strontium	<0.4 mg/kg	TM181		534 #	409 #	232 #			
Tin	<0.24 mg/kg	TM181		<0.24 #	0.378 #	0.84 #			
Thallium	<0.7 mg/kg	TM181		<0.7 #	<0.7 #	<0.7 #			
Titanium	<0.1 mg/kg	TM181		147	108	237			
Vanadium	<0.2 mg/kg	TM181		14 #	19.7 #	28.7 #			
Zinc	<1.9 mg/kg	TM181		6.84 M	34.2 M	48 M			
Bismuth	<1 mg/kg	TM181		<1	<1	<1			
Lithium	<1 mg/kg	TM181		7.89	8.04	2.54			
Tellurium	<1 mg/kg	TM181		<1	<1	<1			
Calcium	<21 mg/kg	TM224		98500	96700	61500			
Sodium	<7 mg/kg	TM224		185	217	243			
Magnesium	<8 mg/kg	TM224		1280	1900	4400			
Potassium	<16 mg/kg	TM224		317	241	572			
Silver	<10 mg/kg	TM250		<10	<10	<10			

CERTIFICATE OF ANALYSIS

SDG:	200731-108	**Client Reference:**	KTE-239-20-HAW	**Report Number:**	562339
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Table of Results - Appendix

Method No	Reference	Description
PM024	Modified BS 1377	Soil preparation including homogenisation, moisture screens of soils for Asbestos Containing Material
TM181	US EPA Method 6010B	Determination of Routine Metals in Soil by iCap 6500 Duo ICP-OES
TM224	US EPA Method 6010B	Determination of Alkaline Metals by iCap 6500 Duo ICP-OES
TM250		Determination of Silver in Soil by ICP-OES

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Life Sciences Ltd Hawarden (Method codes TM) or ALS Life Sciences Ltd Aberdeen (Method codes S).

CERTIFICATE OF ANALYSIS

SDG:	200731-108	**Client Reference:**	KTE-239-20-HAW	**Report Number:**	562339
Location:	Sde Dov	**Order Number:**		**Superseded Report:**	

Test Completion Dates

Lab Sample No(s)	22584143	22584146	22584144
Customer Sample Ref.	K15-31-5	K15-31-6	K15-31-8
AGS Ref.			
Depth	0.50	3.00	2.80
Type	Soil/Solid (S)	Soil/Solid (S)	Soil/Solid (S)
Alkali Metals by iCap-OES (Soil)	07-Aug-2020	07-Aug-2020	07-Aug-2020
Metals in solid samples by OES	07-Aug-2020	07-Aug-2020	07-Aug-2020
Sample description	03-Aug-2020	03-Aug-2020	03-Aug-2020
Silver	07-Aug-2020	07-Aug-2020	07-Aug-2020

Appendix

General

1. Results are expressed on a dry weight basis (dried at 35ºC) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

18. **Sample Deviations**

If a sample is classed as deviated then the associated results may be compromised.

1	**Container with Headspace provided for volatiles analysis**
2	**Incorrect container received**
3	**Deviation from method**
§	**Sampled on date not provided**
♦	**Sample holding time exceeded in laboratory**
@	**Sample holding time exceeded due to late arrival of instructions or samples**

19. **Asbestos**

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.
Standing Committee of Analysts, *The Quantification of Asbestos in Soil (2017).*

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

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www.alsglobal.com

LABORATORY REPORT

March 26, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Sde Dov / KTE-12-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on March 12, 2020. For your reference, these analyses have been assigned our service request number P2001410.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-71

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 1:53 pm, Mar 26, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2001410
Project: Sde Dov / KTE-12-2 Simi

CASE NARRATIVE

The samples were received intact under chain of custody on March 12, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/0 b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached boratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's nam r trademark in any Materials or Attribution shall be deemed denied. ALS may in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C94

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2001410
Project ID: Sde Dov / KTE-12-20-Simi

Date Received: 3/12/2020
Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SG-15.1	P2001410-001	Air	3/8/2020	00:00	1SS00169	-1.16	6.12	X
SG-15.3	P2001410-002	Air	3/8/2020	00:00	1SS00695	-0.23	6.25	X
SG-15.10	P2001410-003	Air	3/8/2020	00:00	1SS00944	-1.60	6.32	X
SG-15.15	P2001410-004	Air	3/8/2020	00:00	1SC00733	-0.16	5.75	X
SG-15.17	P2001410-005	Air	3/8/2020	00:00	1SS00491	-0.51	5.82	X
SG-15.18	P2001410-006	Air	3/8/2020	00:00	1SS00055	-0.26	5.17	X

Air - Chain of Custody Record & Analytical Service Request

Page _____ of _____

2655 Park Center Drive, Suite A
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Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P200140

Company Name & Address (Reporting Information)	Project Name	ALS Contact:	Comments e.g. Actual Preservative or specific Instructions
KTE	Sede-201 - Exhaus	**Analysis Method**	
	Project Number KTE-12-[illegible]		
Project Manager [illegible]	P.O. # / Billing Information		
Phone / Fax			
Email Address for Result Reporting	Sampler (Print & Sign)		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO15		
Sc-15.1	1	8/3		[illegible]	[illegible]	27	0	1L	✓		
Sc-15.2	2	8/3		[illegible]	[illegible]	28	5		✓		
Sc-15.3	3	8/3		[illegible]	[illegible]	29	0		✓		
Sc-15.4	4	8/3		[illegible]	[illegible]	27	0		✓		
Sc-15.5	5	8/3		[illegible]	[illegible]	28	0		✓		
~~Sc-15.6~~	~~6~~	8/3		[illegible]	~~0A01833~~	0					
Sc-15.18	C	8/3		1SS00056	0A01604	29	0		✓		

5 of 31

Report Tier Levels - please select

Tier I: Results (Default if not specified) Tier III (Results + QC & Calibration Summaries)
Tier II (Results + QC Summaries) X Tier IV (Data Validation Package) 10% Surcharge

EDD required Yes / No
Type: Units:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 3-17-20	Time: 0945

Cooler / Blank Temperature °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2001410

Project: Sde Dov / KTE-12-20-Simi

Sample(s) received on: 3/12/2020 Date opened: 3/12/2020 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2001410-001.01	1.0 L Source Silonite Canister					
P2001410-002.01	1.0 L Source Silonite Canister					
P2001410-003.01	1.0 L Source Silonite Canister					
P2001410-004.01	1.0 L Source Can					
P2001410-005.01	1.0 L Source Silonite Canister					
P2001410-006.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.1** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-001

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00169

Initial Pressure (psig): -1.16 Final Pressure (psig): 6.12

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	2.0	0.50	**0.64**	1.2	0.29	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.0	0.33	**0.45**	0.41	0.068	
74-87-3	Chloromethane	<0.33	2.0	0.33	<0.16	0.99	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.32	2.0	0.32	<0.046	0.29	0.046	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.086	0.81	0.086	
106-99-0	1,3-Butadiene	<0.34	2.0	0.34	<0.15	0.92	0.15	
74-83-9	Bromomethane	<0.28	2.1	0.28	<0.073	0.54	0.073	
75-00-3	Chloroethane	<0.25	2.1	0.25	<0.096	0.79	0.096	
64-17-5	Ethanol	**140**	20	1.4	**75**	11	0.76	
75-05-8	Acetonitrile	<0.50	2.0	0.50	<0.30	1.2	0.30	
107-02-8	Acrolein	<0.58	3.9	0.58	<0.25	1.7	0.25	
67-64-1	Acetone	**8.4**	20	4.6	**3.5**	8.6	1.9	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.0	0.31	**0.23**	0.36	0.056	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	8.1	0.85	**0.51**	3.3	0.34	**J**
107-13-1	Acrylonitrile	<0.42	2.0	0.42	<0.20	0.94	0.20	
75-35-4	1,1-Dichloroethene	**0.38**	2.1	0.28	**0.095**	0.52	0.072	**J**
75-09-2	Methylene Chloride	<0.58	2.0	0.58	<0.17	0.59	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.089	0.66	0.089	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.53**	2.1	0.29	**0.069**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**18**	4.2	0.62	**5.8**	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.28	2.1	0.28	<0.072	0.52	0.072	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.074	0.52	0.074	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.067	0.58	0.067	
108-05-4	Vinyl Acetate	<4.6	21	4.6	<1.3	5.9	1.3	
78-93-3	2-Butanone (MEK)	**1.2**	4.2	0.42	**0.42**	1.4	0.14	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.1** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-001

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00169

Initial Pressure (psig): -1.16 Final Pressure (psig): 6.12

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.0	0.29	<0.073	0.51	0.073	
141-78-6	Ethyl Acetate	**1.3**	4.2	1.1	**0.35**	1.2	0.30	**J**
110-54-3	n-Hexane	<0.42	2.1	0.42	<0.12	0.59	0.12	
67-66-3	Chloroform	**1.9**	2.1	0.27	**0.39**	0.43	0.056	**J**
109-99-9	Tetrahydrofuran (THF)	<0.26	2.1	0.26	<0.087	0.72	0.087	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.056	0.51	0.056	
71-55-6	1,1,1-Trichloroethane	<0.25	2.1	0.25	<0.047	0.38	0.047	
71-43-2	Benzene	<0.30	2.0	0.30	<0.093	0.64	0.093	
56-23-5	Carbon Tetrachloride	**1.3**	2.0	0.28	**0.20**	0.32	0.045	**J**
110-82-7	Cyclohexane	<0.58	4.2	0.58	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.25	2.1	0.25	<0.055	0.45	0.055	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.044	0.31	0.044	
79-01-6	Trichloroethene	**2.0**	2.1	0.28	**0.37**	0.39	0.052	**J**
123-91-1	1,4-Dioxane	<0.24	2.1	0.24	<0.067	0.58	0.067	
80-62-6	Methyl Methacrylate	**2.2**	4.2	0.73	**0.54**	1.0	0.18	**J**
142-82-5	n-Heptane	**0.36**	2.1	0.33	**0.088**	0.51	0.080	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.070	0.44	0.070	
108-10-1	4-Methyl-2-pentanone	<0.28	2.0	0.28	<0.069	0.50	0.069	
10061-02-6	trans-1,3-Dichloropropene	<0.42	2.0	0.42	<0.093	0.45	0.093	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**35**	2.1	0.25	**9.2**	0.55	0.066	
591-78-6	2-Hexanone	<0.25	2.1	0.25	<0.062	0.51	0.062	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.24	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**2.3**	2.1	0.28	**0.48**	0.45	0.059	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.1** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-001

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00169

Initial Pressure (psig): -1.16 Final Pressure (psig): 6.12

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.46	2.1	0.46	<0.099	0.45	0.099	
127-18-4	Tetrachloroethene	<0.27	2.0	0.27	<0.039	0.30	0.039	
108-90-7	Chlorobenzene	<0.27	2.1	0.27	<0.059	0.45	0.059	
100-41-4	Ethylbenzene	**4.8**	2.1	0.29	**1.1**	0.48	0.067	
179601-23-1	m,p-Xylenes	**16**	4.2	0.54	**3.7**	0.98	0.12	
75-25-2	Bromoform	<0.42	2.1	0.42	<0.041	0.20	0.041	
100-42-5	Styrene	**0.66**	2.0	0.33	**0.16**	0.48	0.078	**J**
95-47-6	o-Xylene	**3.3**	2.1	0.30	**0.76**	0.48	0.068	
111-84-2	n-Nonane	**0.84**	2.1	0.34	**0.16**	0.40	0.065	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.1	0.28	<0.042	0.30	0.042	
98-82-8	Cumene	**0.74**	2.1	0.30	**0.15**	0.42	0.060	**J**
80-56-8	alpha-Pinene	**0.44**	2.1	0.32	**0.079**	0.37	0.057	**J**
103-65-1	n-Propylbenzene	**0.51**	2.1	0.30	**0.10**	0.42	0.060	**J**
622-96-8	4-Ethyltoluene	**0.43**	2.1	0.33	**0.087**	0.42	0.067	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.48**	2.0	0.30	**0.098**	0.42	0.060	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.0**	2.1	0.28	**0.42**	0.42	0.058	**J**
100-44-7	Benzyl Chloride	<0.46	4.2	0.46	<0.089	0.82	0.089	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.30	2.1	0.30	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**3.3**	2.1	0.42	**0.59**	0.37	0.076	
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.0	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.067	0.28	0.067	
91-20-3	Naphthalene	**1.1**	2.0	0.50	**0.21**	0.38	0.096	**J**
87-68-3	Hexachlorobutadiene	<0.42	2.0	0.42	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.3** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-002

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00695

Initial Pressure (psig): -0.23 Final Pressure (psig): 6.25

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.3**	1.9	0.47	**1.9**	1.1	0.27	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	1.9	0.32	**0.47**	0.39	0.064	
74-87-3	Chloromethane	<0.31	1.9	0.31	<0.15	0.93	0.15	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.30	1.9	0.30	<0.044	0.27	0.044	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.081	0.77	0.081	
106-99-0	1,3-Butadiene	**2.8**	1.9	0.32	**1.3**	0.87	0.14	
74-83-9	Bromomethane	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-00-3	Chloroethane	<0.24	2.0	0.24	<0.091	0.74	0.091	
64-17-5	Ethanol	**7.5**	19	1.3	**4.0**	10	0.71	**J**
75-05-8	Acetonitrile	<0.47	1.9	0.47	<0.28	1.1	0.28	
107-02-8	Acrolein	**2.1**	3.6	0.54	**0.90**	1.6	0.24	**J**
67-64-1	Acetone	**30**	19	4.4	**13**	8.1	1.8	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.9**	1.9	0.29	**0.52**	0.34	0.052	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.80	7.6	0.80	<0.32	3.1	0.32	
107-13-1	Acrylonitrile	<0.40	1.9	0.40	<0.18	0.89	0.18	
75-35-4	1,1-Dichloroethene	<0.27	2.0	0.27	<0.068	0.49	0.068	
75-09-2	Methylene Chloride	<0.54	1.9	0.54	<0.16	0.55	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.26	2.0	0.26	<0.083	0.63	0.083	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.59**	2.0	0.28	**0.077**	0.26	0.036	**J**
75-15-0	Carbon Disulfide	<0.58	4.0	0.58	<0.19	1.3	0.19	
156-60-5	trans-1,2-Dichloroethene	<0.27	2.0	0.27	<0.068	0.49	0.068	
75-34-3	1,1-Dichloroethane	<0.28	2.0	0.28	<0.070	0.49	0.070	
1634-04-4	Methyl tert-Butyl Ether	<0.23	2.0	0.23	<0.063	0.54	0.063	
108-05-4	Vinyl Acetate	<4.4	20	4.4	<1.2	5.6	1.2	
78-93-3	2-Butanone (MEK)	**8.6**	4.0	0.40	**2.9**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.3** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-002

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00695

Initial Pressure (psig): -0.23 Final Pressure (psig): 6.25

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.27	1.9	0.27	<0.069	0.48	0.069	
141-78-6	Ethyl Acetate	<1.0	4.0	1.0	<0.28	1.1	0.28	
110-54-3	n-Hexane	<0.40	2.0	0.40	<0.11	0.56	0.11	
67-66-3	Chloroform	**23**	2.0	0.26	**4.7**	0.40	0.053	
109-99-9	Tetrahydrofuran (THF)	<0.24	2.0	0.24	<0.082	0.68	0.082	
107-06-2	1,2-Dichloroethane	<0.21	2.0	0.21	<0.053	0.48	0.053	
71-55-6	1,1,1-Trichloroethane	<0.24	2.0	0.24	<0.044	0.36	0.044	
71-43-2	Benzene	<0.28	1.9	0.28	<0.087	0.60	0.087	
56-23-5	Carbon Tetrachloride	<0.27	1.9	0.27	<0.043	0.31	0.043	
110-82-7	Cyclohexane	**2.3**	4.0	0.54	**0.68**	1.2	0.16	**J**
78-87-5	1,2-Dichloropropane	<0.24	2.0	0.24	<0.052	0.42	0.052	
75-27-4	Bromodichloromethane	<0.28	2.0	0.28	<0.042	0.29	0.042	
79-01-6	Trichloroethene	**0.32**	2.0	0.26	**0.059**	0.36	0.049	**J**
123-91-1	1,4-Dioxane	<0.23	2.0	0.23	<0.063	0.54	0.063	
80-62-6	Methyl Methacrylate	<0.69	4.0	0.69	<0.17	0.97	0.17	
142-82-5	n-Heptane	**240**	2.0	0.31	**59**	0.48	0.075	
10061-01-5	cis-1,3-Dichloropropene	<0.30	1.9	0.30	<0.066	0.42	0.066	
108-10-1	4-Methyl-2-pentanone	<0.26	1.9	0.26	<0.065	0.47	0.065	
10061-02-6	trans-1,3-Dichloropropene	<0.40	1.9	0.40	<0.088	0.42	0.088	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.036	0.36	0.036	
108-88-3	Toluene	**2.5**	2.0	0.24	**0.66**	0.52	0.063	
591-78-6	2-Hexanone	**3.6**	2.0	0.24	**0.88**	0.48	0.058	
124-48-1	Dibromochloromethane	<0.25	2.0	0.25	<0.030	0.23	0.030	
106-93-4	1,2-Dibromoethane	<0.22	2.0	0.22	<0.029	0.25	0.029	
123-86-4	n-Butyl Acetate	<0.26	2.0	0.26	<0.056	0.42	0.056	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.3** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-002

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00695

Initial Pressure (psig): -0.23 Final Pressure (psig): 6.25

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.8**	2.0	0.44	**0.39**	0.42	0.093	**J**
127-18-4	Tetrachloroethene	<0.25	1.9	0.25	<0.037	0.28	0.037	
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.056	0.43	0.056	
100-41-4	Ethylbenzene	**0.33**	2.0	0.27	**0.075**	0.45	0.063	**J**
179601-23-1	m,p-Xylenes	**1.0**	4.0	0.51	**0.24**	0.92	0.12	**J**
75-25-2	Bromoform	<0.40	2.0	0.40	<0.039	0.19	0.039	
100-42-5	Styrene	**0.37**	1.9	0.31	**0.087**	0.45	0.073	**J**
95-47-6	o-Xylene	**0.55**	2.0	0.28	**0.13**	0.45	0.064	**J**
111-84-2	n-Nonane	**0.83**	2.0	0.32	**0.16**	0.37	0.062	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.27	2.0	0.27	<0.039	0.29	0.039	
98-82-8	Cumene	<0.28	2.0	0.28	<0.057	0.40	0.057	
80-56-8	alpha-Pinene	**0.30**	2.0	0.30	**0.053**	0.35	0.053	**J**
103-65-1	n-Propylbenzene	<0.28	2.0	0.28	<0.057	0.40	0.057	
622-96-8	4-Ethyltoluene	<0.31	2.0	0.31	<0.063	0.40	0.063	
108-67-8	1,3,5-Trimethylbenzene	<0.28	1.9	0.28	<0.057	0.39	0.057	
95-63-6	1,2,4-Trimethylbenzene	<0.27	2.0	0.27	<0.055	0.40	0.055	
100-44-7	Benzyl Chloride	<0.44	4.0	0.44	<0.084	0.77	0.084	
541-73-1	1,3-Dichlorobenzene	<0.29	2.0	0.29	<0.048	0.33	0.048	
106-46-7	1,4-Dichlorobenzene	<0.30	2.0	0.30	<0.049	0.33	0.049	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.048	0.33	0.048	
5989-27-5	d-Limonene	**0.58**	2.0	0.40	**0.10**	0.35	0.072	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.36	1.9	0.36	<0.038	0.20	0.038	
120-82-1	1,2,4-Trichlorobenzene	<0.47	2.0	0.47	<0.064	0.26	0.064	
91-20-3	Naphthalene	<0.47	1.9	0.47	<0.090	0.36	0.090	
87-68-3	Hexachlorobutadiene	<0.40	1.9	0.40	<0.037	0.18	0.037	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.10** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-003

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00944

Initial Pressure (psig): -1.60 Final Pressure (psig): 6.32

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.52	2.1	0.52	<0.30	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.1	0.35	**0.45**	0.43	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.089	0.85	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-00-3	Chloroethane	<0.26	2.2	0.26	<0.10	0.82	0.10	
64-17-5	Ethanol	**37**	21	1.5	**20**	11	0.79	
75-05-8	Acetonitrile	<0.52	2.1	0.52	<0.31	1.3	0.31	
107-02-8	Acrolein	<0.60	4.0	0.60	<0.26	1.7	0.26	
67-64-1	Acetone	<4.8	21	4.8	<2.0	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.7**	2.1	0.32	**0.31**	0.38	0.058	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.88	8.4	0.88	<0.36	3.4	0.36	
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	<0.60	2.1	0.60	<0.17	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.092	0.69	0.092	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.50**	2.2	0.30	**0.065**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**1.6**	4.4	0.64	**0.51**	1.4	0.21	**J**
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.2	0.25	<0.070	0.60	0.070	
108-05-4	Vinyl Acetate	<4.8	22	4.8	<1.4	6.1	1.4	
78-93-3	2-Butanone (MEK)	**0.48**	4.4	0.44	**0.16**	1.5	0.15	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.10** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-003

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00944

Initial Pressure (psig): -1.60 Final Pressure (psig): 6.32

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.53	0.076	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.2	0.44	<0.12	0.61	0.12	
67-66-3	Chloroform	**19**	2.2	0.28	**3.8**	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.091	0.75	0.091	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.2	0.26	<0.048	0.40	0.048	
71-43-2	Benzene	<0.31	2.1	0.31	<0.096	0.66	0.096	
56-23-5	Carbon Tetrachloride	<0.30	2.1	0.30	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.2	0.26	<0.057	0.47	0.057	
75-27-4	Bromodichloromethane	**0.45**	2.2	0.31	**0.067**	0.32	0.046	**J**
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.054	0.40	0.054	
123-91-1	1,4-Dioxane	<0.25	2.2	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.19	1.1	0.19	
142-82-5	n-Heptane	<0.34	2.2	0.34	<0.083	0.53	0.083	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	<0.29	2.1	0.29	<0.071	0.52	0.071	
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.097	0.47	0.097	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**1.1**	2.2	0.26	**0.30**	0.57	0.069	**J**
591-78-6	2-Hexanone	<0.26	2.2	0.26	<0.064	0.53	0.064	
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	<0.29	2.2	0.29	<0.061	0.46	0.061	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.10** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-003

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00944

Initial Pressure (psig): -1.60 Final Pressure (psig): 6.32

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.48	2.2	0.48	<0.10	0.46	0.10	
127-18-4	Tetrachloroethene	**4.5**	2.1	0.28	**0.66**	0.31	0.041	
108-90-7	Chlorobenzene	<0.28	2.2	0.28	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	<0.30	2.2	0.30	<0.069	0.50	0.069	
179601-23-1	m,p-Xylenes	<0.56	4.4	0.56	<0.13	1.0	0.13	
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	<0.34	2.1	0.34	<0.081	0.50	0.081	
95-47-6	o-Xylene	<0.31	2.2	0.31	<0.071	0.50	0.071	
111-84-2	n-Nonane	<0.36	2.2	0.36	<0.068	0.41	0.068	
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	<0.33	2.2	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	<0.31	2.2	0.31	<0.063	0.44	0.063	
622-96-8	4-Ethyltoluene	<0.34	2.2	0.34	<0.069	0.44	0.069	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.1	0.31	<0.063	0.43	0.063	
95-63-6	1,2,4-Trimethylbenzene	<0.30	2.2	0.30	<0.060	0.44	0.060	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.85	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	<0.44	2.2	0.44	<0.079	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	<0.52	2.1	0.52	<0.099	0.40	0.099	
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.15** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-004

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00733

Initial Pressure (psig): -0.16 Final Pressure (psig): 5.75

Canister Dilution Factor: 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.3**	1.9	0.46	**0.75**	1.1	0.27	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	1.9	0.31	**0.46**	0.38	0.062	
74-87-3	Chloromethane	**0.61**	1.9	0.30	**0.30**	0.91	0.15	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.30	1.9	0.30	<0.042	0.27	0.042	
75-01-4	Vinyl Chloride	<0.20	1.9	0.20	<0.079	0.74	0.079	
106-99-0	1,3-Butadiene	<0.31	1.9	0.31	<0.14	0.84	0.14	
74-83-9	Bromomethane	<0.26	1.9	0.26	<0.067	0.49	0.067	
75-00-3	Chloroethane	<0.23	1.9	0.23	<0.088	0.72	0.088	
64-17-5	Ethanol	**7.0**	18	1.3	**3.7**	9.7	0.69	**J**
75-05-8	Acetonitrile	**1.4**	1.9	0.46	**0.83**	1.1	0.27	**J**
107-02-8	Acrolein	**2.3**	3.5	0.53	**1.0**	1.5	0.23	**J**
67-64-1	Acetone	**31**	19	4.2	**13**	7.9	1.8	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	1.9	0.29	**0.25**	0.33	0.051	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.86**	7.4	0.78	**0.35**	3.0	0.32	**J**
107-13-1	Acrylonitrile	<0.39	1.9	0.39	<0.18	0.86	0.18	
75-35-4	1,1-Dichloroethene	**0.55**	1.9	0.26	**0.14**	0.48	0.066	**J**
75-09-2	Methylene Chloride	<0.53	1.9	0.53	<0.15	0.54	0.15	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.25	1.9	0.25	<0.081	0.61	0.081	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.48**	1.9	0.27	**0.063**	0.25	0.035	**J**
75-15-0	Carbon Disulfide	**2.0**	3.9	0.56	**0.66**	1.2	0.18	**J**
156-60-5	trans-1,2-Dichloroethene	<0.26	1.9	0.26	<0.066	0.48	0.066	
75-34-3	1,1-Dichloroethane	<0.27	1.9	0.27	<0.068	0.48	0.068	
1634-04-4	Methyl tert-Butyl Ether	<0.22	1.9	0.22	<0.062	0.53	0.062	
108-05-4	Vinyl Acetate	**8.4**	19	4.2	**2.4**	5.4	1.2	**J**
78-93-3	2-Butanone (MEK)	**5.3**	3.9	0.39	**1.8**	1.3	0.13	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.15** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-004

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00733

Initial Pressure (psig): -0.16 Final Pressure (psig): 5.75

Canister Dilution Factor: 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.26	1.9	0.26	<0.067	0.47	0.067	
141-78-6	Ethyl Acetate	<0.99	3.9	0.99	<0.27	1.1	0.27	
110-54-3	n-Hexane	<0.39	1.9	0.39	<0.11	0.54	0.11	
67-66-3	Chloroform	**3.4**	1.9	0.25	**0.69**	0.39	0.051	
109-99-9	Tetrahydrofuran (THF)	<0.24	1.9	0.24	<0.080	0.66	0.080	
107-06-2	1,2-Dichloroethane	<0.21	1.9	0.21	<0.051	0.47	0.051	
71-55-6	1,1,1-Trichloroethane	<0.23	1.9	0.23	<0.043	0.35	0.043	
71-43-2	Benzene	<0.27	1.9	0.27	<0.085	0.59	0.085	
56-23-5	Carbon Tetrachloride	**0.28**	1.9	0.26	**0.045**	0.30	0.041	**J**
110-82-7	Cyclohexane	<0.53	3.9	0.53	<0.15	1.1	0.15	
78-87-5	1,2-Dichloropropane	<0.23	1.9	0.23	<0.050	0.41	0.050	
75-27-4	Bromodichloromethane	<0.27	1.9	0.27	<0.041	0.28	0.041	
79-01-6	Trichloroethene	**5.4**	1.9	0.25	**1.0**	0.35	0.047	
123-91-1	1,4-Dioxane	<0.22	1.9	0.22	<0.062	0.53	0.062	
80-62-6	Methyl Methacrylate	<0.67	3.9	0.67	<0.16	0.95	0.16	
142-82-5	n-Heptane	**0.30**	1.9	0.30	**0.073**	0.46	0.073	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.29	1.8	0.29	<0.064	0.40	0.064	
108-10-1	4-Methyl-2-pentanone	**0.65**	1.9	0.26	**0.16**	0.46	0.063	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.39	1.9	0.39	<0.085	0.41	0.085	
79-00-5	1,1,2-Trichloroethane	<0.19	1.9	0.19	<0.035	0.35	0.035	
108-88-3	Toluene	**1.6**	1.9	0.23	**0.41**	0.51	0.061	**J**
591-78-6	2-Hexanone	**0.97**	1.9	0.23	**0.24**	0.46	0.057	**J**
124-48-1	Dibromochloromethane	<0.25	1.9	0.25	<0.029	0.22	0.029	
106-93-4	1,2-Dibromoethane	<0.22	1.9	0.22	<0.028	0.25	0.028	
123-86-4	n-Butyl Acetate	<0.26	1.9	0.26	<0.054	0.41	0.054	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.15** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-004

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00733

Initial Pressure (psig): -0.16 Final Pressure (psig): 5.75

Canister Dilution Factor: 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.42	1.9	0.42	<0.091	0.41	0.091	
127-18-4	Tetrachloroethene	**3.3**	1.8	0.24	**0.49**	0.27	0.036	
108-90-7	Chlorobenzene	<0.25	1.9	0.25	<0.054	0.41	0.054	
100-41-4	Ethylbenzene	<0.26	1.9	0.26	<0.061	0.44	0.061	
179601-23-1	m,p-Xylenes	**0.85**	3.9	0.49	**0.20**	0.89	0.11	**J**
75-25-2	Bromoform	<0.39	1.9	0.39	<0.038	0.18	0.038	
100-42-5	Styrene	<0.30	1.9	0.30	<0.071	0.44	0.071	
95-47-6	o-Xylene	**0.43**	1.9	0.27	**0.10**	0.44	0.063	**J**
111-84-2	n-Nonane	<0.31	1.9	0.31	<0.060	0.36	0.060	
79-34-5	1,1,2,2-Tetrachloroethane	<0.26	1.9	0.26	<0.038	0.28	0.038	
98-82-8	Cumene	<0.27	1.9	0.27	<0.055	0.39	0.055	
80-56-8	alpha-Pinene	<0.29	1.9	0.29	<0.052	0.34	0.052	
103-65-1	n-Propylbenzene	<0.27	1.9	0.27	<0.055	0.39	0.055	
622-96-8	4-Ethyltoluene	<0.30	1.9	0.30	<0.061	0.39	0.061	
108-67-8	1,3,5-Trimethylbenzene	<0.27	1.9	0.27	<0.055	0.38	0.055	
95-63-6	1,2,4-Trimethylbenzene	<0.26	1.9	0.26	<0.053	0.39	0.053	
100-44-7	Benzyl Chloride	<0.42	3.9	0.42	<0.082	0.75	0.082	
541-73-1	1,3-Dichlorobenzene	<0.28	1.9	0.28	<0.047	0.32	0.047	
106-46-7	1,4-Dichlorobenzene	<0.29	1.9	0.29	<0.048	0.32	0.048	
95-50-1	1,2-Dichlorobenzene	<0.28	1.9	0.28	<0.046	0.32	0.046	
5989-27-5	d-Limonene	**0.88**	1.9	0.39	**0.16**	0.34	0.070	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.35	1.9	0.35	<0.036	0.19	0.036	
120-82-1	1,2,4-Trichlorobenzene	<0.46	1.9	0.46	<0.062	0.26	0.062	
91-20-3	Naphthalene	<0.46	1.8	0.46	<0.087	0.35	0.087	
87-68-3	Hexachlorobutadiene	<0.39	1.9	0.39	<0.036	0.18	0.036	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.17** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-005

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00491

Initial Pressure (psig): -0.51 Final Pressure (psig): 5.82

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.88**	1.9	0.47	**0.51**	1.1	0.27	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	1.9	0.32	**0.45**	0.39	0.064	
74-87-3	Chloromethane	<0.31	1.9	0.31	<0.15	0.93	0.15	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.30	1.9	0.30	<0.044	0.27	0.044	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.081	0.77	0.081	
106-99-0	1,3-Butadiene	<0.32	1.9	0.32	<0.14	0.87	0.14	
74-83-9	Bromomethane	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-00-3	Chloroethane	<0.24	2.0	0.24	<0.091	0.74	0.091	
64-17-5	Ethanol	**18**	19	1.3	**9.7**	10	0.71	**J**
75-05-8	Acetonitrile	**0.49**	1.9	0.47	**0.29**	1.1	0.28	**J**
107-02-8	Acrolein	<0.54	3.6	0.54	<0.24	1.6	0.24	
67-64-1	Acetone	**5.7**	19	4.4	**2.4**	8.1	1.8	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.2**	1.9	0.29	**0.22**	0.34	0.052	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.0**	7.6	0.80	**0.42**	3.1	0.32	**J**
107-13-1	Acrylonitrile	<0.40	1.9	0.40	<0.18	0.89	0.18	
75-35-4	1,1-Dichloroethene	<0.27	2.0	0.27	<0.068	0.49	0.068	
75-09-2	Methylene Chloride	**1.1**	1.9	0.54	**0.33**	0.55	0.16	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.26	2.0	0.26	<0.083	0.63	0.083	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.51**	2.0	0.28	**0.066**	0.26	0.036	**J**
75-15-0	Carbon Disulfide	<0.58	4.0	0.58	<0.19	1.3	0.19	
156-60-5	trans-1,2-Dichloroethene	<0.27	2.0	0.27	<0.068	0.49	0.068	
75-34-3	1,1-Dichloroethane	<0.28	2.0	0.28	<0.070	0.49	0.070	
1634-04-4	Methyl tert-Butyl Ether	<0.23	2.0	0.23	<0.063	0.54	0.063	
108-05-4	Vinyl Acetate	<4.4	20	4.4	<1.2	5.6	1.2	
78-93-3	2-Butanone (MEK)	**0.79**	4.0	0.40	**0.27**	1.4	0.14	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.17** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-005

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00491

Initial Pressure (psig): -0.51 Final Pressure (psig): 5.82

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.27	1.9	0.27	<0.069	0.48	0.069	
141-78-6	Ethyl Acetate	**2.1**	4.0	1.0	**0.58**	1.1	0.28	**J**
110-54-3	n-Hexane	**0.40**	2.0	0.40	**0.11**	0.56	0.11	**J**
67-66-3	Chloroform	**2.8**	2.0	0.26	**0.57**	0.40	0.053	
109-99-9	Tetrahydrofuran (THF)	<0.24	2.0	0.24	<0.082	0.68	0.082	
107-06-2	1,2-Dichloroethane	<0.21	2.0	0.21	<0.053	0.48	0.053	
71-55-6	1,1,1-Trichloroethane	<0.24	2.0	0.24	<0.044	0.36	0.044	
71-43-2	Benzene	**0.29**	1.9	0.28	**0.090**	0.60	0.087	**J**
56-23-5	Carbon Tetrachloride	<0.27	1.9	0.27	<0.043	0.31	0.043	
110-82-7	Cyclohexane	<0.54	4.0	0.54	<0.16	1.2	0.16	
78-87-5	1,2-Dichloropropane	<0.24	2.0	0.24	<0.052	0.42	0.052	
75-27-4	Bromodichloromethane	<0.28	2.0	0.28	<0.042	0.29	0.042	
79-01-6	Trichloroethene	<0.26	2.0	0.26	<0.049	0.36	0.049	
123-91-1	1,4-Dioxane	<0.23	2.0	0.23	<0.063	0.54	0.063	
80-62-6	Methyl Methacrylate	<0.69	4.0	0.69	<0.17	0.97	0.17	
142-82-5	n-Heptane	**0.33**	2.0	0.31	**0.080**	0.48	0.075	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.30	1.9	0.30	<0.066	0.42	0.066	
108-10-1	4-Methyl-2-pentanone	<0.26	1.9	0.26	<0.065	0.47	0.065	
10061-02-6	trans-1,3-Dichloropropene	<0.40	1.9	0.40	<0.088	0.42	0.088	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.036	0.36	0.036	
108-88-3	Toluene	**2.7**	2.0	0.24	**0.71**	0.52	0.063	
591-78-6	2-Hexanone	<0.24	2.0	0.24	<0.058	0.48	0.058	
124-48-1	Dibromochloromethane	<0.25	2.0	0.25	<0.030	0.23	0.030	
106-93-4	1,2-Dibromoethane	<0.22	2.0	0.22	<0.029	0.25	0.029	
123-86-4	n-Butyl Acetate	<0.26	2.0	0.26	<0.056	0.42	0.056	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.17** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-005

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00491

Initial Pressure (psig): -0.51 Final Pressure (psig): 5.82

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.44	2.0	0.44	<0.093	0.42	0.093	
127-18-4	Tetrachloroethene	**0.80**	1.9	0.25	**0.12**	0.28	0.037	**J**
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.056	0.43	0.056	
100-41-4	Ethylbenzene	**0.47**	2.0	0.27	**0.11**	0.45	0.063	**J**
179601-23-1	m,p-Xylenes	**1.4**	4.0	0.51	**0.33**	0.92	0.12	**J**
75-25-2	Bromoform	<0.40	2.0	0.40	<0.039	0.19	0.039	
100-42-5	Styrene	**0.45**	1.9	0.31	**0.11**	0.45	0.073	**J**
95-47-6	o-Xylene	**0.62**	2.0	0.28	**0.14**	0.45	0.064	**J**
111-84-2	n-Nonane	<0.32	2.0	0.32	<0.062	0.37	0.062	
79-34-5	1,1,2,2-Tetrachloroethane	<0.27	2.0	0.27	<0.039	0.29	0.039	
98-82-8	Cumene	<0.28	2.0	0.28	<0.057	0.40	0.057	
80-56-8	alpha-Pinene	<0.30	2.0	0.30	<0.053	0.35	0.053	
103-65-1	n-Propylbenzene	<0.28	2.0	0.28	<0.057	0.40	0.057	
622-96-8	4-Ethyltoluene	<0.31	2.0	0.31	<0.063	0.40	0.063	
108-67-8	1,3,5-Trimethylbenzene	<0.28	1.9	0.28	<0.057	0.39	0.057	
95-63-6	1,2,4-Trimethylbenzene	**0.28**	2.0	0.27	**0.058**	0.40	0.055	**J**
100-44-7	Benzyl Chloride	<0.44	4.0	0.44	<0.084	0.77	0.084	
541-73-1	1,3-Dichlorobenzene	<0.29	2.0	0.29	<0.048	0.33	0.048	
106-46-7	1,4-Dichlorobenzene	<0.30	2.0	0.30	<0.049	0.33	0.049	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.048	0.33	0.048	
5989-27-5	d-Limonene	**0.74**	2.0	0.40	**0.13**	0.35	0.072	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.36	1.9	0.36	<0.038	0.20	0.038	
120-82-1	1,2,4-Trichlorobenzene	<0.47	2.0	0.47	<0.064	0.26	0.064	
91-20-3	Naphthalene	<0.47	1.9	0.47	<0.090	0.36	0.090	
87-68-3	Hexachlorobutadiene	<0.40	1.9	0.40	<0.037	0.18	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.18** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-006

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00055

Initial Pressure (psig): -0.26 Final Pressure (psig): 5.17

Canister Dilution Factor: 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.45	1.8	0.45	<0.26	1.1	0.26	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	1.8	0.30	**0.46**	0.37	0.061	
74-87-3	Chloromethane	**0.88**	1.8	0.30	**0.43**	0.89	0.14	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.29	1.8	0.29	<0.041	0.26	0.041	
75-01-4	Vinyl Chloride	<0.20	1.9	0.20	<0.077	0.73	0.077	
106-99-0	1,3-Butadiene	<0.30	1.8	0.30	<0.14	0.83	0.14	
74-83-9	Bromomethane	<0.26	1.9	0.26	<0.066	0.48	0.066	
75-00-3	Chloroethane	<0.23	1.9	0.23	<0.086	0.71	0.086	
64-17-5	Ethanol	**11**	18	1.3	**5.9**	9.5	0.68	**J**
75-05-8	Acetonitrile	<0.45	1.8	0.45	<0.27	1.1	0.27	
107-02-8	Acrolein	<0.52	3.5	0.52	<0.23	1.5	0.23	
67-64-1	Acetone	**8.1**	18	4.1	**3.4**	7.7	1.7	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.2**	1.8	0.28	**0.22**	0.33	0.050	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.76	7.2	0.76	<0.31	2.9	0.31	
107-13-1	Acrylonitrile	<0.38	1.8	0.38	<0.17	0.84	0.17	
75-35-4	1,1-Dichloroethene	<0.26	1.9	0.26	<0.064	0.47	0.064	
75-09-2	Methylene Chloride	**1.7**	1.8	0.52	**0.50**	0.53	0.15	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.25	1.9	0.25	<0.079	0.60	0.079	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.48**	1.9	0.26	**0.062**	0.24	0.034	**J**
75-15-0	Carbon Disulfide	<0.55	3.8	0.55	<0.18	1.2	0.18	
156-60-5	trans-1,2-Dichloroethene	<0.26	1.9	0.26	<0.064	0.47	0.064	
75-34-3	1,1-Dichloroethane	<0.27	1.9	0.27	<0.067	0.47	0.067	
1634-04-4	Methyl tert-Butyl Ether	**0.66**	1.9	0.22	**0.18**	0.52	0.060	**J**
108-05-4	Vinyl Acetate	<4.1	19	4.1	<1.2	5.3	1.2	
78-93-3	2-Butanone (MEK)	**1.2**	3.8	0.38	**0.39**	1.3	0.13	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.18** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-006

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00055

Initial Pressure (psig): -0.26 Final Pressure (psig): 5.17

Canister Dilution Factor: 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.26	1.8	0.26	<0.065	0.46	0.065	
141-78-6	Ethyl Acetate	<0.97	3.8	0.97	<0.27	1.1	0.27	
110-54-3	n-Hexane	**0.87**	1.9	0.38	**0.25**	0.53	0.11	**J**
67-66-3	Chloroform	<0.24	1.9	0.24	<0.050	0.38	0.050	
109-99-9	Tetrahydrofuran (THF)	<0.23	1.9	0.23	<0.078	0.64	0.078	
107-06-2	1,2-Dichloroethane	<0.20	1.9	0.20	<0.050	0.46	0.050	
71-55-6	1,1,1-Trichloroethane	<0.23	1.9	0.23	<0.042	0.34	0.042	
71-43-2	Benzene	**0.60**	1.8	0.27	**0.19**	0.57	0.083	**J**
56-23-5	Carbon Tetrachloride	**0.45**	1.8	0.26	**0.071**	0.29	0.041	**J**
110-82-7	Cyclohexane	<0.52	3.8	0.52	<0.15	1.1	0.15	
78-87-5	1,2-Dichloropropane	<0.23	1.9	0.23	<0.049	0.40	0.049	
75-27-4	Bromodichloromethane	<0.27	1.9	0.27	<0.040	0.28	0.040	
79-01-6	Trichloroethene	<0.25	1.9	0.25	<0.046	0.35	0.046	
123-91-1	1,4-Dioxane	<0.22	1.9	0.22	<0.060	0.52	0.060	
80-62-6	Methyl Methacrylate	<0.66	3.8	0.66	<0.16	0.93	0.16	
142-82-5	n-Heptane	**0.43**	1.9	0.29	**0.11**	0.45	0.072	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.29	1.8	0.29	<0.063	0.40	0.063	
108-10-1	4-Methyl-2-pentanone	<0.25	1.8	0.25	<0.061	0.45	0.061	
10061-02-6	trans-1,3-Dichloropropene	<0.38	1.8	0.38	<0.084	0.40	0.084	
79-00-5	1,1,2-Trichloroethane	<0.19	1.9	0.19	<0.034	0.34	0.034	
108-88-3	Toluene	**2.4**	1.9	0.22	**0.64**	0.49	0.060	
591-78-6	2-Hexanone	<0.23	1.9	0.23	<0.056	0.45	0.056	
124-48-1	Dibromochloromethane	<0.24	1.9	0.24	<0.028	0.22	0.028	
106-93-4	1,2-Dibromoethane	<0.21	1.9	0.21	<0.028	0.24	0.028	
123-86-4	n-Butyl Acetate	**1.3**	1.9	0.25	**0.28**	0.40	0.053	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.18** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P2001410-006

Test Code: EPA TO-15 Date Collected: 3/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 3/12/20
Analyst: Simon Cao Date Analyzed: 3/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00055

Initial Pressure (psig): -0.26 Final Pressure (psig): 5.17

Canister Dilution Factor: 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.41	1.9	0.41	<0.089	0.40	0.089	
127-18-4	Tetrachloroethene	<0.24	1.8	0.24	<0.035	0.26	0.035	
108-90-7	Chlorobenzene	<0.24	1.9	0.24	<0.053	0.40	0.053	
100-41-4	Ethylbenzene	**0.36**	1.9	0.26	**0.082**	0.43	0.060	**J**
179601-23-1	m,p-Xylenes	**0.95**	3.8	0.48	**0.22**	0.87	0.11	**J**
75-25-2	Bromoform	<0.38	1.9	0.38	<0.037	0.18	0.037	
100-42-5	Styrene	<0.30	1.8	0.30	<0.070	0.43	0.070	
95-47-6	o-Xylene	**0.63**	1.9	0.27	**0.15**	0.43	0.061	**J**
111-84-2	n-Nonane	<0.31	1.9	0.31	<0.059	0.36	0.059	
79-34-5	1,1,2,2-Tetrachloroethane	<0.26	1.9	0.26	<0.037	0.27	0.037	
98-82-8	Cumene	<0.27	1.9	0.27	<0.054	0.38	0.054	
80-56-8	alpha-Pinene	<0.28	1.9	0.28	<0.051	0.33	0.051	
103-65-1	n-Propylbenzene	<0.27	1.9	0.27	<0.054	0.38	0.054	
622-96-8	4-Ethyltoluene	<0.29	1.9	0.29	<0.060	0.38	0.060	
108-67-8	1,3,5-Trimethylbenzene	<0.27	1.8	0.27	<0.054	0.37	0.054	
95-63-6	1,2,4-Trimethylbenzene	<0.26	1.9	0.26	<0.052	0.38	0.052	
100-44-7	Benzyl Chloride	<0.41	3.8	0.41	<0.080	0.73	0.080	
541-73-1	1,3-Dichlorobenzene	<0.28	1.9	0.28	<0.046	0.31	0.046	
106-46-7	1,4-Dichlorobenzene	<0.28	1.9	0.28	<0.047	0.31	0.047	
95-50-1	1,2-Dichlorobenzene	<0.27	1.9	0.27	<0.045	0.31	0.045	
5989-27-5	d-Limonene	**0.40**	1.9	0.38	**0.072**	0.33	0.068	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.35	1.8	0.35	<0.036	0.19	0.036	
120-82-1	1,2,4-Trichlorobenzene	<0.45	1.9	0.45	<0.060	0.25	0.060	
91-20-3	Naphthalene	<0.45	1.8	0.45	<0.086	0.34	0.086	
87-68-3	Hexachlorobutadiene	<0.38	1.8	0.38	<0.036	0.17	0.036	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P200324-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 3/24/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P200324-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 3/24/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P200324-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 3/24/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Project ID: P2001410

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 3/8/20
Analyst: Lusine Hakobyan Date(s) Received: 3/12/20
Sample Type: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 3/24 - 3/25/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200324-MB	**103**	**100**	**109**	70-130	
Lab Control Sample	P200324-LCS	**99**	**100**	**110**	70-130	
SG-15.1	P2001410-001	**99**	**100**	**109**	70-130	
SG-15.3	P2001410-002	**99**	**100**	**110**	70-130	
SG-15.10	P2001410-003	**100**	**100**	**110**	70-130	
SG-15.15	P2001410-004	**101**	**99**	**110**	70-130	
SG-15.17	P2001410-005	**99**	**99**	**110**	70-130	
SG-15.18	P2001410-006	**100**	**100**	**110**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P200324-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 3/24/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**174**	**83**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**204**	**97**	64-115	
74-87-3	Chloromethane	212	**177**	**83**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**198**	**96**	65-114	
75-01-4	Vinyl Chloride	212	**193**	**91**	61-129	
106-99-0	1,3-Butadiene	212	**199**	**94**	54-140	
74-83-9	Bromomethane	212	**192**	**91**	68-120	
75-00-3	Chloroethane	214	**181**	**85**	63-123	
64-17-5	Ethanol	1,060	**841**	**79**	49-134	
75-05-8	Acetonitrile	214	**178**	**83**	50-137	
107-02-8	Acrolein	206	**188**	**91**	62-128	
67-64-1	Acetone	1,070	**905**	**85**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**211**	**100**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**392**	**93**	57-133	
107-13-1	Acrylonitrile	212	**194**	**92**	64-136	
75-35-4	1,1-Dichloroethene	214	**212**	**99**	67-115	
75-09-2	Methylene Chloride	210	**200**	**95**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**182**	**85**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**216**	**100**	65-115	
75-15-0	Carbon Disulfide	212	**200**	**94**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**221**	**103**	65-122	
75-34-3	1,1-Dichloroethane	212	**193**	**91**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**218**	**102**	57-131	
108-05-4	Vinyl Acetate	1,070	**1070**	**100**	71-128	
78-93-3	2-Butanone (MEK)	212	**203**	**96**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P200324-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 3/24/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**207**	**98**	64-120	
141-78-6	Ethyl Acetate	432	**402**	**93**	64-131	
110-54-3	n-Hexane	216	**188**	**87**	58-125	
67-66-3	Chloroform	214	**211**	**99**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**211**	**96**	65-115	
107-06-2	1,2-Dichloroethane	214	**216**	**101**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**230**	**107**	66-115	
71-43-2	Benzene	210	**196**	**93**	66-109	
56-23-5	Carbon Tetrachloride	208	**222**	**107**	66-119	
110-82-7	Cyclohexane	422	**404**	**96**	67-117	
78-87-5	1,2-Dichloropropane	214	**202**	**94**	66-119	
75-27-4	Bromodichloromethane	218	**220**	**101**	71-119	
79-01-6	Trichloroethene	216	**220**	**102**	70-114	
123-91-1	1,4-Dioxane	216	**224**	**104**	71-117	
80-62-6	Methyl Methacrylate	430	**459**	**107**	76-121	
142-82-5	n-Heptane	214	**206**	**96**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**241**	**113**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**210**	**99**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**234**	**110**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**218**	**102**	70-117	
108-88-3	Toluene	212	**210**	**99**	67-113	
591-78-6	2-Hexanone	216	**215**	**100**	62-135	
124-48-1	Dibromochloromethane	214	**241**	**113**	73-126	
106-93-4	1,2-Dibromoethane	214	**239**	**112**	71-122	
123-86-4	n-Butyl Acetate	218	**223**	**102**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2001410
Client Project ID: **Sde Dov / KTE-12-20-Simi** ALS Sample ID: P200324-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 3/24/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**204**	**94**	63-120	
127-18-4	Tetrachloroethene	208	**223**	**107**	64-120	
108-90-7	Chlorobenzene	214	**214**	**100**	65-116	
100-41-4	Ethylbenzene	212	**223**	**105**	65-117	
179601-23-1	m,p-Xylenes	426	**447**	**105**	64-121	
75-25-2	Bromoform	214	**259**	**121**	72-130	
100-42-5	Styrene	212	**250**	**118**	72-126	
95-47-6	o-Xylene	214	**221**	**103**	64-120	
111-84-2	n-Nonane	214	**195**	**91**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**214**	**100**	66-122	
98-82-8	Cumene	214	**221**	**103**	64-121	
80-56-8	alpha-Pinene	212	**222**	**105**	62-136	
103-65-1	n-Propylbenzene	214	**222**	**104**	65-123	
622-96-8	4-Ethyltoluene	210	**228**	**109**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**223**	**105**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**232**	**109**	63-129	
100-44-7	Benzyl Chloride	214	**260**	**121**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**257**	**120**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**261**	**122**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**247**	**115**	67-128	
5989-27-5	d-Limonene	212	**215**	**101**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**242**	**113**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**264**	**122**	62-140	
91-20-3	Naphthalene	212	**250**	**118**	57-149	
87-68-3	Hexachlorobutadiene	214	**242**	**113**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

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LABORATORY REPORT

May 21, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: ECOLOG SDE DOV / KTE-37-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on May 8, 2020. For your reference, these analyses have been assigned our service request number P2002526.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 4:36 pm, May 21, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2002526
Project: ECOLOG SDE DOV / KTE-37-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on May 8, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

The analyses for sample GG-11-1 (P2002526-001) and SG-11-11 (P2002526-006) were cancelled because the canisters were found to be leaking.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS' name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2002526

Project ID: ECOLOG SDE DOV / KTE-37-20-Simi

Date Received: 5/8/2020

Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
SG-11-5	P2002526-002	Air	5/6/2020	11:40	1SS00884	-0.83	5.93			X
SG-11-13	P2002526-003	Air	5/6/2020	12:20	1SS00694	-1.88	6.00			X
SG-11-9	P2002526-004	Air	5/6/2020	13:00	1SS01002	-1.94	5.73			X
SG-11-15	P2002526-005	Air	5/6/2020	14:00	1SS00178	-2.06	6.67			X

Air - Chain of Custody Record & Analytical Service Request

Page _____ of _____

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No: [illegible]

Company Name & Address (Reporting information): KLF	Project Name: [illegible] DS Dev	ALS Contact:	
	Project Number: KLF 33-20 Simi	**Analysis Method**	
Project Manager:	P.O. # / Billing Information:		**Comments** e.g. Actual Preservative or specific instructions
Phone: / Fax:			
Email Address for Result Reporting:	Sampler (Print & Sign):		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO-15		
SG-1-1	1	5/20	10:45	[illegible]	[illegible]	-30	-3	1L	✓		
[illegible]		[illegible]		[illegible]	[illegible]			1L			
SG-1-5	2	5/20	11:40	[illegible]	[illegible]	-30	-3	1L	✓		
SG-1-10	3	5/20	12:30	[illegible]	[illegible]	-30	-3	1L	✓		
SG-1-3	4	5/20	13:00	[illegible]	[illegible]	-30	-3	1L	✓		
SG-1-15	5	5/20	11:00	[illegible]	[illegible]	-30	-4	1L	✓		
SG-1-1	6	5/20	14:40	[illegible]	[illegible]	-27	-3	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) Tier III (Results + QC & Calibration Summaries) X
Tier II (Results + QC Summaries) Tier IV (Data Validation Package) 10% Surcharge

EDD required Yes / No
Type: _____ Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Print and Sign) [illegible]	Date: 5/20	Time:	Received by: (Signature)	Date:	Time:	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 5-8-20	Time: 0930	Cooler / Blank Temperature °C

5 of 30

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2002526

Project: ECOLOG SDE DOV / KTE-37-20-Simi

Sample(s) received on: 5/8/20 Date opened: 5/8/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2002526-001.01	1.0 L Source Silonite Canister					
P2002526-002.01	1.0 L Source Silonite Canister					
P2002526-003.01	1.0 L Source Silonite Canister					
P2002526-004.01	1.0 L Source Silonite Canister					
P2002526-005.01	1.0 L Source Silonite Canister					
P2002526-006.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-5** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-002

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00884

Initial Pressure (psig): -0.83 Final Pressure (psig): 5.93

Canister Dilution Factor: 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.48	2.0	0.48	<0.28	1.1	0.28	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.0	0.32	**0.42**	0.40	0.066	
74-87-3	Chloromethane	<0.32	2.0	0.32	<0.16	0.96	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.31	2.0	0.31	<0.045	0.28	0.045	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.083	0.79	0.083	
106-99-0	1,3-Butadiene	<0.33	2.0	0.33	<0.15	0.89	0.15	
74-83-9	Bromomethane	<0.28	2.0	0.28	<0.071	0.52	0.071	
75-00-3	Chloroethane	<0.25	2.0	0.25	<0.093	0.76	0.093	
64-17-5	Ethanol	**64**	19	1.4	**34**	10	0.73	
75-05-8	Acetonitrile	**0.96**	2.0	0.48	**0.57**	1.2	0.29	**J**
107-02-8	Acrolein	**0.61**	3.7	0.56	**0.27**	1.6	0.24	**J**
67-64-1	Acetone	**22**	20	4.5	**9.4**	8.3	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.8**	2.0	0.30	**0.32**	0.35	0.054	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	7.8	0.82	**0.67**	3.2	0.33	**J**
107-13-1	Acrylonitrile	<0.41	2.0	0.41	<0.19	0.91	0.19	
75-35-4	1,1-Dichloroethene	<0.28	2.0	0.28	<0.070	0.51	0.070	
75-09-2	Methylene Chloride	**2.6**	2.0	0.56	**0.73**	0.57	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.27	2.0	0.27	<0.086	0.64	0.086	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.47**	2.0	0.28	**0.061**	0.26	0.037	**J**
75-15-0	Carbon Disulfide	**0.73**	4.1	0.60	**0.24**	1.3	0.19	**J**
156-60-5	trans-1,2-Dichloroethene	<0.28	2.0	0.28	<0.070	0.51	0.070	
75-34-3	1,1-Dichloroethane	<0.29	2.0	0.29	<0.072	0.51	0.072	
1634-04-4	Methyl tert-Butyl Ether	**7.0**	2.0	0.23	**2.0**	0.56	0.065	
108-05-4	Vinyl Acetate	<4.5	20	4.5	<1.3	5.7	1.3	
78-93-3	2-Butanone (MEK)	**1.4**	4.1	0.41	**0.48**	1.4	0.14	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-5** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-002

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00884

Initial Pressure (psig): -0.83 Final Pressure (psig): 5.93

Canister Dilution Factor: 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.28	2.0	0.28	<0.070	0.50	0.070	
141-78-6	Ethyl Acetate	**5.4**	4.1	1.0	**1.5**	1.1	0.29	
110-54-3	n-Hexane	**5.1**	2.0	0.41	**1.4**	0.57	0.12	
67-66-3	Chloroform	**5.0**	2.0	0.26	**1.0**	0.41	0.054	
109-99-9	Tetrahydrofuran (THF)	**42**	2.0	0.25	**14**	0.69	0.085	
107-06-2	1,2-Dichloroethane	<0.22	2.0	0.22	<0.054	0.50	0.054	
71-55-6	1,1,1-Trichloroethane	<0.25	2.0	0.25	<0.045	0.37	0.045	
71-43-2	Benzene	**0.76**	2.0	0.29	**0.24**	0.62	0.090	**J**
56-23-5	Carbon Tetrachloride	<0.28	2.0	0.28	<0.044	0.31	0.044	
110-82-7	Cyclohexane	**65**	4.1	0.56	**19**	1.2	0.16	
78-87-5	1,2-Dichloropropane	<0.25	2.0	0.25	<0.053	0.44	0.053	
75-27-4	Bromodichloromethane	**0.38**	2.0	0.29	**0.057**	0.30	0.043	**J**
79-01-6	Trichloroethene	**0.35**	2.0	0.27	**0.065**	0.37	0.050	**J**
123-91-1	1,4-Dioxane	<0.23	2.0	0.23	<0.065	0.56	0.065	
80-62-6	Methyl Methacrylate	<0.71	4.1	0.71	<0.17	1.0	0.17	
142-82-5	n-Heptane	**2.9**	2.0	0.32	**0.71**	0.49	0.077	
10061-01-5	cis-1,3-Dichloropropene	<0.31	1.9	0.31	<0.068	0.43	0.068	
108-10-1	4-Methyl-2-pentanone	<0.27	2.0	0.27	<0.066	0.48	0.066	
10061-02-6	trans-1,3-Dichloropropene	<0.41	2.0	0.41	<0.090	0.44	0.090	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.037	0.37	0.037	
108-88-3	Toluene	**14**	2.0	0.24	**3.7**	0.53	0.064	
591-78-6	2-Hexanone	<0.25	2.0	0.25	<0.060	0.49	0.060	
124-48-1	Dibromochloromethane	<0.26	2.0	0.26	<0.031	0.24	0.031	
106-93-4	1,2-Dibromoethane	<0.23	2.0	0.23	<0.030	0.26	0.030	
123-86-4	n-Butyl Acetate	**29**	2.0	0.27	**6.1**	0.43	0.057	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-5** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-002

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00884

Initial Pressure (psig): -0.83 Final Pressure (psig): 5.93

Canister Dilution Factor: 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.3**	2.0	0.45	**0.27**	0.43	0.096	**J**
127-18-4	Tetrachloroethene	<0.26	1.9	0.26	<0.038	0.29	0.038	
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.057	0.44	0.057	
100-41-4	Ethylbenzene	**3.4**	2.0	0.28	**0.78**	0.46	0.064	
179601-23-1	m,p-Xylenes	**12**	4.1	0.52	**2.7**	0.94	0.12	
75-25-2	Bromoform	<0.41	2.0	0.41	<0.040	0.19	0.040	
100-42-5	Styrene	**1.6**	2.0	0.32	**0.37**	0.46	0.075	**J**
95-47-6	o-Xylene	**4.2**	2.0	0.29	**0.98**	0.46	0.066	
111-84-2	n-Nonane	**0.60**	2.0	0.33	**0.12**	0.38	0.063	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.0	0.28	<0.040	0.29	0.040	
98-82-8	Cumene	**0.34**	2.0	0.29	**0.068**	0.41	0.058	**J**
80-56-8	alpha-Pinene	<0.31	2.0	0.31	<0.055	0.36	0.055	
103-65-1	n-Propylbenzene	**1.1**	2.0	0.29	**0.22**	0.41	0.058	**J**
622-96-8	4-Ethyltoluene	**1.9**	2.0	0.32	**0.38**	0.41	0.064	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.2**	2.0	0.29	**0.46**	0.40	0.058	
95-63-6	1,2,4-Trimethylbenzene	**11**	2.0	0.28	**2.2**	0.41	0.056	
100-44-7	Benzyl Chloride	<0.45	4.1	0.45	<0.086	0.79	0.086	
541-73-1	1,3-Dichlorobenzene	<0.30	2.0	0.30	<0.050	0.33	0.050	
106-46-7	1,4-Dichlorobenzene	<0.31	2.0	0.31	<0.051	0.33	0.051	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.049	0.33	0.049	
5989-27-5	d-Limonene	**1.6**	2.0	0.41	**0.28**	0.36	0.074	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	2.0	0.37	<0.039	0.20	0.039	
120-82-1	1,2,4-Trichlorobenzene	<0.48	2.0	0.48	<0.065	0.27	0.065	
91-20-3	Naphthalene	**1.1**	1.9	0.48	**0.21**	0.37	0.092	**J**
87-68-3	Hexachlorobutadiene	<0.41	2.0	0.41	<0.038	0.19	0.038	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-13** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-003

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00694

Initial Pressure (psig): -1.88 Final Pressure (psig): 6.00

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.52	2.1	0.52	<0.30	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.0**	2.1	0.35	**0.41**	0.43	0.071	**J**
74-87-3	Chloromethane	<0.35	2.1	0.35	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.31	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.090	0.85	0.090	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.82	0.10	
64-17-5	Ethanol	**78**	21	1.5	**41**	11	0.79	
75-05-8	Acetonitrile	<0.52	2.1	0.52	<0.31	1.3	0.31	
107-02-8	Acrolein	<0.60	4.0	0.60	<0.26	1.8	0.26	
67-64-1	Acetone	**12**	21	4.8	**4.9**	9.0	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.1	0.33	**0.24**	0.38	0.058	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.89	8.5	0.89	<0.36	3.4	0.36	
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	<0.60	2.1	0.60	<0.17	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.093	0.69	0.093	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.43**	2.2	0.31	**0.057**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	<0.64	4.4	0.64	<0.21	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.078	0.55	0.078	
1634-04-4	Methyl tert-Butyl Ether	**1.7**	2.2	0.25	**0.48**	0.60	0.070	**J**
108-05-4	Vinyl Acetate	<4.8	22	4.8	<1.4	6.2	1.4	
78-93-3	2-Butanone (MEK)	**1.5**	4.4	0.44	**0.52**	1.5	0.15	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-13** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-003

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00694

Initial Pressure (psig): -1.88 Final Pressure (psig): 6.00

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.54	0.076	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.2	0.44	<0.13	0.62	0.13	
67-66-3	Chloroform	**3.0**	2.2	0.29	**0.61**	0.45	0.059	
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.091	0.75	0.091	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.059	0.54	0.059	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.049	0.40	0.049	
71-43-2	Benzene	**0.39**	2.1	0.31	**0.12**	0.67	0.097	**J**
56-23-5	Carbon Tetrachloride	<0.30	2.1	0.30	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.058	0.47	0.058	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.054	0.40	0.054	
123-91-1	1,4-Dioxane	<0.25	2.2	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.19	1.1	0.19	
142-82-5	n-Heptane	**2.3**	2.2	0.34	**0.57**	0.53	0.084	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.074	0.46	0.074	
108-10-1	4-Methyl-2-pentanone	**0.34**	2.1	0.29	**0.084**	0.52	0.072	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.098	0.47	0.098	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**3.7**	2.2	0.26	**0.98**	0.58	0.069	
591-78-6	2-Hexanone	<0.27	2.2	0.27	<0.065	0.53	0.065	
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.26	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	<0.29	2.2	0.29	<0.062	0.47	0.062	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-13** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-003

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00694

Initial Pressure (psig): -1.88 Final Pressure (psig): 6.00

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.3**	2.2	0.48	**0.27**	0.47	0.10	**J**
127-18-4	Tetrachloroethene	<0.28	2.1	0.28	<0.041	0.31	0.041	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**1.3**	2.2	0.30	**0.31**	0.50	0.070	**J**
179601-23-1	m,p-Xylenes	**4.3**	4.4	0.56	**0.99**	1.0	0.13	**J**
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**0.77**	2.1	0.35	**0.18**	0.50	0.081	**J**
95-47-6	o-Xylene	**1.7**	2.2	0.31	**0.39**	0.50	0.071	**J**
111-84-2	n-Nonane	**1.3**	2.2	0.36	**0.24**	0.41	0.068	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.32	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	<0.33	2.2	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	**0.43**	2.2	0.31	**0.088**	0.44	0.063	**J**
622-96-8	4-Ethyltoluene	**0.66**	2.2	0.34	**0.13**	0.44	0.070	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.73**	2.1	0.31	**0.15**	0.43	0.063	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.3**	2.2	0.30	**0.67**	0.44	0.061	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.86	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.36	0.054	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**0.66**	2.2	0.44	**0.12**	0.39	0.079	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.071	0.29	0.071	
91-20-3	Naphthalene	**0.80**	2.1	0.52	**0.15**	0.40	0.10	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-9** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-004

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01002

Initial Pressure (psig): -1.94 Final Pressure (psig): 5.73

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.71**	2.1	0.52	**0.41**	1.2	0.30	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.1	0.35	**0.42**	0.43	0.070	**J**
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.089	0.85	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-00-3	Chloroethane	<0.26	2.2	0.26	<0.10	0.82	0.10	
64-17-5	Ethanol	**6.2**	21	1.5	**3.3**	11	0.79	**J**
75-05-8	Acetonitrile	<0.52	2.1	0.52	<0.31	1.3	0.31	
107-02-8	Acrolein	<0.60	4.0	0.60	<0.26	1.7	0.26	
67-64-1	Acetone	**7.8**	21	4.8	**3.3**	8.9	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.6**	2.1	0.32	**0.28**	0.38	0.058	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.88	8.4	0.88	<0.36	3.4	0.36	
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	<0.60	2.1	0.60	<0.17	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.092	0.69	0.092	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.46**	2.2	0.30	**0.060**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**7.4**	4.4	0.64	**2.4**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	**0.62**	2.2	0.25	**0.17**	0.60	0.070	**J**
108-05-4	Vinyl Acetate	<4.8	22	4.8	<1.4	6.1	1.4	
78-93-3	2-Butanone (MEK)	**1.2**	4.4	0.44	**0.42**	1.5	0.15	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-9** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-004

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01002

Initial Pressure (psig): -1.94 Final Pressure (psig): 5.73

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.53	0.076	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.2	0.44	<0.12	0.61	0.12	
67-66-3	Chloroform	**1.3**	2.2	0.28	**0.26**	0.44	0.058	**J**
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.091	0.75	0.091	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.2	0.26	<0.048	0.40	0.048	
71-43-2	Benzene	**0.41**	2.1	0.31	**0.13**	0.66	0.096	**J**
56-23-5	Carbon Tetrachloride	<0.30	2.1	0.30	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.2	0.26	<0.057	0.47	0.057	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.054	0.40	0.054	
123-91-1	1,4-Dioxane	<0.25	2.2	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.19	1.1	0.19	
142-82-5	n-Heptane	**2.5**	2.2	0.34	**0.60**	0.53	0.083	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	<0.29	2.1	0.29	<0.071	0.52	0.071	
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.097	0.47	0.097	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**4.1**	2.2	0.26	**1.1**	0.57	0.069	
591-78-6	2-Hexanone	<0.26	2.2	0.26	<0.064	0.53	0.064	
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	<0.29	2.2	0.29	<0.061	0.46	0.061	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-9** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-004

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01002

Initial Pressure (psig): -1.94 Final Pressure (psig): 5.73

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.66**	2.2	0.48	**0.14**	0.46	0.10	**J**
127-18-4	Tetrachloroethene	**0.56**	2.1	0.28	**0.082**	0.31	0.041	**J**
108-90-7	Chlorobenzene	<0.28	2.2	0.28	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**1.5**	2.2	0.30	**0.35**	0.50	0.069	**J**
179601-23-1	m,p-Xylenes	**5.1**	4.4	0.56	**1.2**	1.0	0.13	
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**0.53**	2.1	0.34	**0.12**	0.50	0.081	**J**
95-47-6	o-Xylene	**1.8**	2.2	0.31	**0.40**	0.50	0.071	**J**
111-84-2	n-Nonane	<0.36	2.2	0.36	<0.068	0.41	0.068	
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	<0.33	2.2	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	**0.44**	2.2	0.31	**0.090**	0.44	0.063	**J**
622-96-8	4-Ethyltoluene	**0.74**	2.2	0.34	**0.15**	0.44	0.069	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.61**	2.1	0.31	**0.12**	0.43	0.063	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.9**	2.2	0.30	**0.59**	0.44	0.060	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.85	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**0.62**	2.2	0.44	**0.11**	0.39	0.079	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	<0.52	2.1	0.52	<0.099	0.40	0.099	
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-15** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-005

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00178

Initial Pressure (psig): -2.06 Final Pressure (psig): 6.67

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.55	2.2	0.55	<0.32	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.9**	2.2	0.37	**0.38**	0.45	0.074	**J**
74-87-3	Chloromethane	<0.36	2.2	0.36	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.094	0.89	0.094	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.081	0.59	0.081	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.86	0.11	
64-17-5	Ethanol	**18**	22	1.6	**9.7**	12	0.83	**J**
75-05-8	Acetonitrile	**0.63**	2.2	0.55	**0.38**	1.3	0.33	**J**
107-02-8	Acrolein	**1.5**	4.2	0.63	**0.64**	1.8	0.28	**J**
67-64-1	Acetone	**55**	22	5.1	**23**	9.4	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**9.2**	2.2	0.34	**1.6**	0.40	0.061	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	8.9	0.93	**0.50**	3.6	0.38	**J**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.097	0.73	0.097	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.47**	2.3	0.32	**0.061**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**29**	4.6	0.68	**9.4**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.081	0.57	0.081	
1634-04-4	Methyl tert-Butyl Ether	**7.9**	2.3	0.27	**2.2**	0.63	0.074	
108-05-4	Vinyl Acetate	<5.1	23	5.1	<1.4	6.5	1.4	
78-93-3	2-Butanone (MEK)	**9.3**	4.6	0.46	**3.2**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-15** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-005

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00178

Initial Pressure (psig): -2.06 Final Pressure (psig): 6.67

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.2	0.32	<0.080	0.57	0.080	
141-78-6	Ethyl Acetate	<1.2	4.6	1.2	<0.33	1.3	0.33	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.65	0.13	
67-66-3	Chloroform	**3.3**	2.3	0.30	**0.68**	0.47	0.061	
109-99-9	Tetrahydrofuran (THF)	<0.28	2.3	0.28	<0.096	0.79	0.096	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.56	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	**0.43**	2.2	0.33	**0.13**	0.70	0.10	**J**
56-23-5	Carbon Tetrachloride	<0.31	2.2	0.31	<0.050	0.36	0.050	
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.4	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.049	0.34	0.049	
79-01-6	Trichloroethene	<0.30	2.3	0.30	<0.057	0.42	0.057	
123-91-1	1,4-Dioxane	**1.3**	2.3	0.27	**0.37**	0.63	0.074	**J**
80-62-6	Methyl Methacrylate	<0.80	4.6	0.80	<0.20	1.1	0.20	
142-82-5	n-Heptane	**2.6**	2.3	0.36	**0.63**	0.56	0.088	
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.077	0.48	0.077	
108-10-1	4-Methyl-2-pentanone	**0.40**	2.2	0.31	**0.098**	0.55	0.075	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**3.5**	2.3	0.27	**0.92**	0.61	0.073	
591-78-6	2-Hexanone	**0.73**	2.3	0.28	**0.18**	0.56	0.068	**J**
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	<0.31	2.3	0.31	<0.065	0.49	0.065	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11-15** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P2002526-005

Test Code: EPA TO-15 Date Collected: 5/6/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/8/20
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00178

Initial Pressure (psig): -2.06 Final Pressure (psig): 6.67

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.64**	2.3	0.51	**0.14**	0.49	0.11	**J**
127-18-4	Tetrachloroethene	<0.29	2.2	0.29	<0.043	0.32	0.043	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.065	0.50	0.065	
100-41-4	Ethylbenzene	**1.2**	2.3	0.32	**0.28**	0.53	0.073	**J**
179601-23-1	m,p-Xylenes	**4.0**	4.6	0.59	**0.93**	1.1	0.14	**J**
75-25-2	Bromoform	<0.46	2.3	0.46	<0.045	0.22	0.045	
100-42-5	Styrene	**0.46**	2.2	0.36	**0.11**	0.53	0.085	**J**
95-47-6	o-Xylene	**1.3**	2.3	0.33	**0.29**	0.53	0.075	**J**
111-84-2	n-Nonane	<0.38	2.3	0.38	<0.072	0.44	0.072	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.046	0.33	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.066	0.46	0.066	
80-56-8	alpha-Pinene	<0.35	2.3	0.35	<0.062	0.41	0.062	
103-65-1	n-Propylbenzene	**0.39**	2.3	0.33	**0.080**	0.46	0.066	**J**
622-96-8	4-Ethyltoluene	**0.55**	2.3	0.36	**0.11**	0.46	0.073	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.61**	2.2	0.33	**0.12**	0.46	0.066	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.7**	2.3	0.31	**0.55**	0.46	0.064	
100-44-7	Benzyl Chloride	<0.51	4.6	0.51	<0.098	0.90	0.098	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**2.6**	2.3	0.46	**0.46**	0.41	0.083	
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	<0.55	2.2	0.55	<0.10	0.42	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P200518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P200518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P200518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Project ID: P2002526

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 5/6/20
Analyst: Wida Ang Date(s) Received: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/18/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200518-MB	**95**	**99**	**107**	70-130	
Lab Control Sample	P200518-LCS	**91**	**98**	**112**	70-130	
SG-11-5	P2002526-002	**88**	**99**	**118**	70-130	
SG-11-13	P2002526-003	**88**	**102**	**104**	70-130	
SG-11-9	P2002526-004	**89**	**101**	**110**	70-130	
SG-11-15	P2002526-005	**90**	**101**	**110**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P200518-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**180**	**86**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**171**	**81**	64-115	
74-87-3	Chloromethane	212	**185**	**87**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**169**	**82**	65-114	
75-01-4	Vinyl Chloride	212	**165**	**78**	61-129	
106-99-0	1,3-Butadiene	212	**182**	**86**	54-140	
74-83-9	Bromomethane	212	**177**	**83**	68-120	
75-00-3	Chloroethane	214	**163**	**76**	63-123	
64-17-5	Ethanol	1,060	**709**	**67**	49-134	
75-05-8	Acetonitrile	214	**144**	**67**	50-137	
107-02-8	Acrolein	206	**170**	**83**	62-128	
67-64-1	Acetone	1,070	**815**	**76**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**170**	**80**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**351**	**83**	57-133	
107-13-1	Acrylonitrile	212	**187**	**88**	64-136	
75-35-4	1,1-Dichloroethene	214	**186**	**87**	67-115	
75-09-2	Methylene Chloride	210	**171**	**81**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**158**	**74**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**182**	**84**	65-115	
75-15-0	Carbon Disulfide	212	**163**	**77**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**185**	**86**	65-122	
75-34-3	1,1-Dichloroethane	212	**168**	**79**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**218**	**102**	57-131	
108-05-4	Vinyl Acetate	1,070	**846**	**79**	71-128	
78-93-3	2-Butanone (MEK)	212	**178**	**84**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P200518-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**177**	**83**	64-120	
141-78-6	Ethyl Acetate	432	**362**	**84**	64-131	
110-54-3	n-Hexane	216	**159**	**74**	58-125	
67-66-3	Chloroform	214	**172**	**80**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**180**	**82**	65-115	
107-06-2	1,2-Dichloroethane	214	**169**	**79**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**180**	**84**	66-115	
71-43-2	Benzene	210	**168**	**80**	66-109	
56-23-5	Carbon Tetrachloride	208	**174**	**84**	66-119	
110-82-7	Cyclohexane	422	**353**	**84**	67-117	
78-87-5	1,2-Dichloropropane	214	**171**	**80**	66-119	
75-27-4	Bromodichloromethane	218	**182**	**83**	71-119	
79-01-6	Trichloroethene	216	**188**	**87**	70-114	
123-91-1	1,4-Dioxane	216	**196**	**91**	71-117	
80-62-6	Methyl Methacrylate	430	**384**	**89**	76-121	
142-82-5	n-Heptane	214	**178**	**83**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**214**	**100**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**195**	**92**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**205**	**97**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**194**	**91**	70-117	
108-88-3	Toluene	212	**178**	**84**	67-113	
591-78-6	2-Hexanone	216	**193**	**89**	62-135	
124-48-1	Dibromochloromethane	214	**195**	**91**	73-126	
106-93-4	1,2-Dibromoethane	214	**197**	**92**	71-122	
123-86-4	n-Butyl Acetate	218	**212**	**97**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002526
Client Project ID: **ECOLOG SDE DOV / KTE-37-20-Simi** ALS Sample ID: P200518-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/18/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**179**	**83**	63-120	
127-18-4	Tetrachloroethene	208	**179**	**86**	64-120	
108-90-7	Chlorobenzene	214	**180**	**84**	65-116	
100-41-4	Ethylbenzene	212	**186**	**88**	65-117	
179601-23-1	m,p-Xylenes	426	**367**	**86**	64-121	
75-25-2	Bromoform	214	**214**	**100**	72-130	
100-42-5	Styrene	212	**207**	**98**	72-126	
95-47-6	o-Xylene	214	**185**	**86**	64-120	
111-84-2	n-Nonane	214	**178**	**83**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**187**	**87**	66-122	
98-82-8	Cumene	214	**186**	**87**	64-121	
80-56-8	alpha-Pinene	212	**183**	**86**	62-136	
103-65-1	n-Propylbenzene	214	**189**	**88**	65-123	
622-96-8	4-Ethyltoluene	210	**189**	**90**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**188**	**89**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**202**	**95**	63-129	
100-44-7	Benzyl Chloride	214	**206**	**96**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**195**	**91**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**193**	**90**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**198**	**93**	67-128	
5989-27-5	d-Limonene	212	**202**	**95**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**217**	**101**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**229**	**106**	62-140	
91-20-3	Naphthalene	212	**251**	**118**	57-149	
87-68-3	Hexachlorobutadiene	214	**200**	**93**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Mon May 11 18:45:35 2020
Response Via : Initial Calibration

Calibration Files
0.1 =05112010.D 0.2 =05112011.D 0.5 =05112012.D 1.0 =05112013.D 5.0 =05112014.D 25 =05112015.D 50 =05112016.D
100 =05112017.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------	ISTD	----------							
2)	T	Propene	1.934	1.664	1.926	1.779	1.954	1.763	1.797	1.818	1.829	5.52
3)	T	Dichlorodifluo...	2.839	2.630	2.729	2.672	2.716	2.447	2.422	2.118	2.572	8.99
4)	T	Chloromethane	2.165	2.075	2.313	2.396	2.041	2.107	1.938	1.144	2.022	18.99
5)	T	1,2-Dichloro-1...	1.439	1.339	1.458	1.398	1.383	1.291	1.320	1.204	1.354	6.16
6)	T	Vinyl Chloride	2.052	1.909	2.331	2.217	2.201	2.050	2.162	1.793	2.089	8.40
7)	T	1,3-Butadiene	1.670	1.683	1.709	1.788	1.688	1.573	1.629	1.351	1.636	7.99
8)	T	Bromomethane	0.975	1.099	1.286	1.222	1.241	1.159	1.185	1.017	1.148	9.54
9)	T	Chloroethane	1.016	1.088	1.166	1.076	1.186	1.007	1.078	0.901	1.065	8.57
10)	T	Ethanol	1.472	1.371	1.355	1.479	1.095	0.954	1.038	0.875	1.205	20.05
11)	T	Acetonitrile	3.620	3.494	3.421	3.737	3.355	2.807	3.156	2.852	3.305	10.31
12)	T	Acrolein	0.769	0.827	0.975	0.992	1.005	0.865	0.944	0.875	0.907	9.43
13)	T	Acetone		1.398	1.291	1.189	1.206	0.987	1.018	0.867	1.137	16.41
14)	T	Trichlorofluor...	2.187	2.239	2.290	2.142	2.182	1.907	1.984	1.846	2.097	7.78
15)	T	2-Propanol (Is...	4.372	3.988	3.980	3.825	4.093	3.536	3.728	2.756	3.785	12.80
16)	T	Acrylonitrile	1.312	1.625	1.937	1.957	2.185	1.911	2.082	1.990	1.875	14.86
17)	T	1,1-Dichloroet...	1.117	1.083	1.272	1.220	1.289	1.184	1.234	1.199	1.200	5.94
18)	T	2-Methyl-2-Pro...	2.397	2.376	2.707	2.662	2.870	2.711	2.906	2.720	2.669	7.25
19)	T	Methylene Chlo...	1.453	1.392	1.440	1.380	1.432	1.290	1.348	1.287	1.378	4.72
20)	T	3-Chloro-1-pro...	2.608	2.481	2.750	2.609	2.665	2.691	2.474	2.301	2.572	5.65
21)	T	Trichlorotrifl...	1.186	1.118	1.169	1.117	1.143	1.107	1.097	1.084	1.128	3.15
22)	T	Carbon Disulfide		6.726	6.033	5.454	5.211	5.016	4.878	4.629	5.421	13.49
23)	T	trans-1,2-Dich...	1.682	1.760	1.926	1.873	2.034	1.997	1.956	1.861	1.886	6.30
24)	T	1,1-Dichloroet...	2.523	2.432	2.623	2.520	2.551	2.444	2.375	2.229	2.462	4.95
25)	T	Methyl tert-Bu...	2.745	2.750	3.067	3.030	3.231	3.211	3.230	3.178	3.055	6.67
26)	T	Vinyl Acetate			0.316	0.313	0.344	0.341	0.330	0.300	0.324	5.33
27)	T	2-Butanone (MEK)			0.891	0.919	1.008	0.996	0.977	0.931	0.954	4.87
28)	T	cis-1,2-Dichlo...	1.819	1.753	1.960	1.882	1.941	1.911	1.859	1.757	1.860	4.23
29)	T	Diisopropyl Ether	1.052	1.102	1.316	1.277	1.333	1.117	1.067	0.955	1.152	12.07
30)	T	Ethyl Acetate		0.421	0.527	0.518	0.571	0.541	0.507	0.444	0.504	10.56
31)	T	n-Hexane	2.535	2.480	2.659	2.517	2.632	2.428	2.259	1.968	2.435	9.27
32)	T	Chloroform	2.217	2.152	2.342	2.181	2.220	2.141	2.097	2.002	2.169	4.58
33)	S	1,2-Dichloroet...	1.589	1.579	1.570	1.573	1.580	1.550	1.544	1.515	1.562	1.56
34)	T	Tetrahydrofura...	0.840	0.853	0.958	0.915	0.962	0.931	0.916	0.877	0.907	5.04
35)	T	Ethyl tert-But...	0.964	1.047	1.280	1.234	1.283	1.265	1.235	1.180	1.186	9.97
36)	T	1,2-Dichloroet...	1.750	1.622	1.687	1.630	1.674	1.614	1.562	1.475	1.627	5.12
37)	IR	1,4-Difluorobenzen...	----------	ISTD	----------							
38)	T	1,1,1-Trichlor...	0.406	0.395	0.419	0.398	0.412	0.406	0.395	0.376	0.401	3.29
39)	T	Isopropyl Acetate	0.163	0.175	0.201	0.197	0.216	0.210	0.199	0.178	0.192	9.45
40)	T	1-Butanol			0.228	0.251	0.307	0.339	0.326	0.290	0.290	14.82
41)	T	Benzene	1.387	1.280	1.340	1.256	1.269	1.224	1.172	1.035	1.245	8.62
42)	T	Carbon Tetrach...	0.361	0.356	0.383	0.361	0.369	0.372	0.361	0.346	0.364	3.05

5/12/20

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

43)	T	Cyclohexane	0.460	0.445	0.492	0.472	0.481	0.469	0.448	0.407	0.459	5.74
44)	T	tert-Amyl Meth...	0.672	0.654	0.720	0.681	0.709	0.707	0.680	0.631	0.682	4.38
45)	T	1,2-Dichloropr...	0.323	0.323	0.338	0.321	0.326	0.320	0.308	0.289	0.319	4.58
46)	T	Bromodichlorom...	0.351	0.353	0.393	0.359	0.381	0.380	0.370	0.352	0.367	4.33
47)	T	Trichloroethene	0.321	0.279	0.300	0.289	0.307	0.308	0.304	0.295	0.300	4.25
48)	T	1,4-Dioxane	0.193	0.193	0.232	0.230	0.250	0.251	0.248	0.238	0.229	10.33
49)	T	2,2,4-Trimethy...	1.341	1.256	1.423	1.307	1.313	1.271	1.209	1.088	1.276	7.74
50)	T	Methyl Methacr...			0.098	0.109	0.122	0.124	0.122	0.116	0.115	8.67
51)	T	n-Heptane	0.279	0.295	0.337	0.320	0.328	0.321	0.311	0.289	0.310	6.57
52)	T	cis-1,3-Dichlo...	0.355	0.410	0.450	0.452	0.500	0.513	0.501	0.470	0.456	11.62
53)	T	4-Methyl-2-pen...			0.256	0.274	0.311	0.315	0.304	0.282	0.290	8.06
54)	T	trans-1,3-Dich...		0.289	0.371	0.380	0.439	0.457	0.445	0.420	0.400	14.68
55)	T	1,1,2-Trichlor...	0.265	0.252	0.285	0.274	0.282	0.279	0.274	0.262	0.272	4.10
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.431	2.448	2.424	2.418	2.423	2.421	2.401	2.390	2.420	0.73
58)	T	Toluene	2.687	2.552	2.639	2.501	2.555	2.473	2.386	2.178	2.496	6.38
59)	T	2-Hexanone		1.024	1.253	1.357	1.566	1.567	1.497	1.355	1.374	14.15
60)	T	Dibromochlorom...	0.571	0.583	0.615	0.595	0.650	0.660	0.653	0.629	0.620	5.49
61)	T	1,2-Dibromoethane	0.506	0.521	0.597	0.587	0.638	0.639	0.629	0.600	0.589	8.66
62)	T	n-Butyl Acetate			1.257	1.413	1.711	1.736	1.672	1.507	1.549	12.30
63)	T	n-Octane	0.494	0.547	0.599	0.592	0.618	0.591	0.568	0.513	0.565	7.77
64)	T	Tetrachloroethene	0.683	0.667	0.714	0.676	0.678	0.682	0.675	0.663	0.680	2.28
65)	T	Chlorobenzene	1.797	1.676	1.706	1.602	1.634	1.604	1.560	1.452	1.629	6.30
66)	T	Ethylbenzene	2.656	2.580	2.715	2.645	2.818	2.774	2.663	2.395	2.656	4.89
67)	T	m- & p-Xylenes	2.070	2.027	2.190	2.123	2.158	2.131	2.048	1.820	2.071	5.59
68)	T	Bromoform	0.381	0.401	0.466	0.474	0.525	0.561	0.572	0.562	0.493	15.11
69)	T	Styrene	1.159	1.301	1.520	1.541	1.701	1.735	1.699	1.579	1.529	13.36
70)	T	o-Xylene	2.025	2.009	2.241	2.125	2.202	2.178	2.109	1.913	2.100	5.27
71)	T	n-Nonane	1.196	1.237	1.443	1.428	1.497	1.427	1.334	1.134	1.337	9.96
72)	T	1,1,2,2-Tetrac...	0.971	1.007	1.082	1.034	1.074	1.065	1.034	0.952	1.027	4.64
73)	S	Bromofluoroben...	0.663	0.662	0.668	0.671	0.682	0.689	0.684	0.705	0.678	2.17
74)	T	Cumene	2.690	2.657	2.752	2.663	2.794	2.721	2.608	2.332	2.652	5.35
75)	T	alpha-Pinene	1.273	1.283	1.368	1.353	1.486	1.441	1.390	1.250	1.356	6.15
76)	T	n-Propylbenzene	3.030	3.015	3.340	3.281	3.423	3.330	3.167	2.754	3.167	7.04
77)	T	3-Ethyltoluene	2.324	2.363	2.574	2.549	2.728	2.678	2.704	2.317	2.530	6.84
78)	T	4-Ethyltoluene	2.430	2.360	2.747	2.624	2.688	2.727	2.490	2.325	2.549	6.63
79)	T	1,3,5-Trimethy...	2.094	2.133	2.310	2.219	2.234	2.288	2.208	2.018	2.188	4.54
80)	T	alpha-Methylst...	0.884	0.932	1.089	1.103	1.211	1.212	1.190	1.112	1.092	11.35
81)	T	2-Ethyltoluene	2.439	2.484	2.727	2.607	2.678	2.684	2.575	2.313	2.563	5.55
82)	T	1,2,4-Trimethy...	1.741	1.872	2.169	2.134	2.230	2.334	2.222	1.916	2.077	10.02
83)	T	n-Decane	0.967	0.997	1.299	1.275	1.314	1.429	1.336	1.147	1.221	13.64
84)	T	Benzyl Chloride	1.345	1.394	1.661	1.650	1.863	2.097	2.056	1.873	1.743	16.09
85)	T	1,3-Dichlorobe...	1.289	1.242	1.277	1.217	1.279	1.376	1.359	1.293	1.292	4.14
86)	T	1,4-Dichlorobe...	1.385	1.253	1.276	1.225	1.273	1.370	1.365	1.305	1.307	4.60
87)	T	sec-Butylbenzene	2.837	2.895	3.087	2.993	3.127	3.118	2.956	2.607	2.953	5.92
88)	T	4-Isopropyltol...	2.283	2.334	2.685	2.618	2.786	2.842	2.647	2.168	2.545	9.81
89)	T	1,2,3-Trimethy...	1.820	1.891	2.238	2.129	2.213	2.362	2.250	1.924	2.103	9.45
90)	T	1,2-Dichlorobe...	1.167	1.177	1.245	1.169	1.231	1.323	1.306	1.190	1.226	5.02
91)	T	d-Limonene	0.683	0.769	0.886	0.920	1.000	0.981	0.925	0.781	0.868	12.92
92)	T	1,2-Dibromo-3-...	0.296	0.345	0.366	0.379	0.430	0.488	0.491	0.481	0.409	18.08
93)	T	n-Undecane			0.651	0.687	0.787	1.448	1.371	1.163	1.018	34.82
94)	T	1,2,4-Trichlor...			0.609	0.618	0.688	0.971	0.990	0.964	0.807	23.14

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

95)	T	Naphthalene			1.586	1.670	1.923	3.051	3.020	2.665	2.319	29.00
96)	T	n-Dodecane		0.148	0.135	0.156	0.215	1.266	1.210	1.006	0.591	91.30
97)	T	Hexachlorobuta...	0.552	0.562	0.571	0.537	0.566	0.615	0.633	0.635	0.584	6.53
98)	T	Cyclohexanone	0.711	0.765	0.839	0.868	0.978	1.001	0.979	0.901	0.880	12.00
99)	T	tert-Butylbenzene	1.980	2.075	2.230	2.151	2.253	2.254	2.120	1.813	2.110	7.24
100)	T	n-Butylbenzene	1.874	1.941	2.312	2.285	2.438	2.524	2.401	2.100	2.234	10.64

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 05\18\05182001.D Vial: 1
Acq On : 18 May 2020 5:34 Operator: WA
Sample : CCV R13051820 25ng Inst : MS13
Misc : S34-05112003/S34-04242001 (5/23)

Quant Time: May 18 07:38:56 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

5/18/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	115	0.00
2	T	Propene	1.829	1.515	17.2	99	0.00
3	T	Dichlorodifluoromethane (CF	2.572	2.082	19.1	98	0.00
4	T	Chloromethane	2.022	2.021	0.0	110	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.354	1.098	18.9	98	0.00
6	T	Vinyl Chloride	2.089	1.663	20.4	93	0.00
7	T	1,3-Butadiene	1.636	1.354	17.2	99	0.00
8	T	Bromomethane	1.148	1.016	11.5	101	0.00
9	T	Chloroethane	1.065	0.894	16.1	102	0.00
10	T	Ethanol	1.205	0.877	27.2	106	0.00
11	T	Acetonitrile	3.305	2.405	27.2	98	0.00
12	T	Acrolein	0.907	0.777	14.3	103	0.00
13	T	Acetone	1.137	0.861	24.3	100	0.00
14	T	Trichlorofluoromethane	2.097	1.639	21.8	99	0.00
15	T	2-Propanol (Isopropanol)	3.785	3.037	19.8	99	0.00
16	T	Acrylonitrile	1.875	1.623	13.4	97	0.00
17	T	1,1-Dichloroethene	1.200	1.038	13.5	101	0.00
18	T	2-Methyl-2-Propanol (tert-B	2.669	2.651	0.7	112	0.00
19	T	Methylene Chloride	1.378	1.110	19.4	99	0.00
20	T	3-Chloro-1-propene (Allyl C	2.572	1.950	24.2	83	0.00
21	T	Trichlorotrifluoroethane	1.128	0.925	18.0	96	0.00
22	T	Carbon Disulfide	5.421	4.103	24.3	94	0.00
23	T	trans-1,2-Dichloroethene	1.886	1.575	16.5	90	0.00
24	T	1,1-Dichloroethane	2.462	2.012	18.3	94	0.00
25	T	Methyl tert-Butyl Ether	3.055	3.152	-3.2	113	0.00
26	T	Vinyl Acetate	0.324	0.254	21.6	86	0.00
27	T	2-Butanone (MEK)	0.954	0.829	13.1	96	0.00
28	T	cis-1,2-Dichloroethene	1.860	1.598	14.1	96	0.00
29	T	Diisopropyl Ether	1.152	0.929	19.4	95	0.00
30	T	Ethyl Acetate	0.504	0.464	7.9	98	0.00
31	T	n-Hexane	2.435	1.929	20.8	91	0.00
32	T	Chloroform	2.169	1.815	16.3	97	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.562	1.553	0.6	115	0.00
34	T	Tetrahydrofuran (THF)	0.907	0.789	13.0	97	0.00
35	T	Ethyl tert-Butyl Ether	1.186	1.192	-0.5	108	0.00
36	T	1,2-Dichloroethane	1.627	1.348	17.1	96	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	112	0.00
38	T	1,1,1-Trichloroethane	0.401	0.347	13.5	96	0.00
39	T	Isopropyl Acetate	0.192	0.174	9.4	93	0.00
40	T	1-Butanol	0.290	0.216	25.5	72	0.00
41	T	Benzene	1.245	1.046	16.0	96	0.00
42	T	Carbon Tetrachloride	0.364	0.304	16.5	92	0.00
43	T	Cyclohexane	0.459	0.399	13.1	96	0.00
44	T	tert-Amyl Methyl Ether	0.682	0.661	3.1	105	0.00
45	T	1,2-Dichloropropane	0.319	0.267	16.3	94	0.00
46	T	Bromodichloromethane	0.367	0.326	11.2	96	0.00
47	T	Trichloroethene	0.300	0.267	11.0	98	0.00
48	T	1,4-Dioxane	0.229	0.213	7.0	96	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.276	1.118	12.4	99	0.00
50	T	Methyl Methacrylate	0.115	0.105	8.7	96	0.00
51	T	n-Heptane	0.310	0.264	14.8	92	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.435	4.6	95	0.00
53	T	4-Methyl-2-pentanone	0.290	0.260	10.3	93	0.00
54	T	trans-1,3-Dichloropropene	0.400	0.383	4.3	94	0.00
55	T	1,1,2-Trichloroethane	0.272	0.240	11.8	97	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 05\18\05182001.D Vial: 1
Acq On : 18 May 2020 5:34 Operator: WA
Sample : CCV R13051820 25ng Inst : MS13
Misc : S34-05112003/S34-04242001 (5/23)

Quant Time: May 18 07:38:56 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	119	0.00
57	S	Toluene-d8 (SS2)	2.420	2.348	3.0	116	0.00
58	T	Toluene	2.496	1.979	20.7	95	0.00
59	T	2-Hexanone	1.374	1.191	13.3	91	0.00
60	T	Dibromochloromethane	0.620	0.540	12.9	98	0.00
61	T	1,2-Dibromoethane	0.589	0.522	11.4	98	0.00
62	T	n-Butyl Acetate	1.549	1.591	-2.7	109	0.00
63	T	n-Octane	0.565	0.450	20.4	91	0.00
64	T	Tetrachloroethene	0.680	0.558	17.9	98	0.00
65	T	Chlorobenzene	1.629	1.305	19.9	97	0.00
66	T	Ethylbenzene	2.656	2.212	16.7	95	0.00
67	T	m- & p-Xylenes	2.071	1.688	18.5	95	0.00
68	T	Bromoform	0.493	0.466	5.5	99	0.00
69	T	Styrene	1.529	1.398	8.6	96	0.00
70	T	o-Xylene	2.100	1.736	17.3	95	0.00
71	T	n-Nonane	1.337	1.073	19.7	90	0.00
72	T	1,1,2,2-Tetrachloroethane	1.027	0.840	18.2	94	0.00
73	S	Bromofluorobenzene (SS3)	0.678	0.728	-7.4	126	0.00
74	T	Cumene	2.652	2.184	17.6	96	0.00
75	T	alpha-Pinene	1.356	1.137	16.2	94	0.00
76	T	n-Propylbenzene	3.167	2.654	16.2	95	0.00
77	T	3-Ethyltoluene	2.530	2.318	8.4	103	0.00
78	T	4-Ethyltoluene	2.549	2.029	20.4	89	0.00
79	T	1,3,5-Trimethylbenzene	2.188	1.821	16.8	95	0.00
80	T	alpha-Methylstyrene	1.092	1.029	5.8	101	0.00
81	T	2-Ethyltoluene	2.563	2.143	16.4	95	0.00
82	T	1,2,4-Trimethylbenzene	2.077	1.847	11.1	94	0.00
83	T	n-Decane	1.221	1.101	9.8	92	0.00
84	T	Benzyl Chloride	1.743	1.526	12.4	87	0.00
85	T	1,3-Dichlorobenzene	1.292	1.104	14.6	96	0.00
86	T	1,4-Dichlorobenzene	1.307	1.114	14.8	97	0.00
87	T	sec-Butylbenzene	2.953	2.451	17.0	94	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.545	2.258	11.3	95	0.00
89	T	1,2,3-Trimethylbenzene	2.103	1.868	11.2	94	0.00
90	T	1,2-Dichlorobenzene	1.226	1.059	13.6	95	0.00
91	T	d-Limonene	0.868	0.783	9.8	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.409	0.382	6.6	93	0.00
93	T	n-Undecane	1.018	1.141	-12.1	94	0.00
94	T	1,2,4-Trichlorobenzene	0.807	0.809	-0.2	99	0.00
95	T	Naphthalene	2.319	2.580	-11.3	101	0.00
96	T	n-Dodecane	0.591	1.099	-86.0#	104	0.00
97	T	Hexachlorobutadiene	0.584	0.497	14.9	96	0.00
98	T	Cyclohexanone	0.880	0.745	15.3	89	0.00
99	T	tert-Butylbenzene	2.110	1.784	15.5	94	0.00
100	T	n-Butylbenzene	2.234	1.985	11.1	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

May 29, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Sde Dov / KTE-40-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on May 14, 2020. For your reference, these analyses have been assigned our service request number P2002642.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 4:55 pm, May 29, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2002642
Project: Sde Dov / KTE-40-2 Simi

CASE NARRATI

The samples were received intact under chain of custody on May 14, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached l boratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by AL for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days f receipt from Client, Client's request to use ALS's name r trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	0507
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	1122
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2002642
Project ID: Sde Dov / KTE-40-20-Simi

Date Received: 5/14/2020
Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SG-5-19	P2002642-001	Air	5/12/2020	10:52	1SC00426	-1.42	5.58	X
SG-5-4	P2002642-002	Air	5/12/2020	11:25	1SS00966	-1.52	4.68	X
SG-5-13	P2002642-003	Air	5/12/2020	11:50	1SC00344	-0.23	5.52	X
SG-6-1	P2002642-004	Air	5/12/2020	12:35	1SS00796	-1.52	5.86	X
SG-5-9	P2002642-005	Air	5/12/2020	13:06	1SS00887	-1.28	6.00	X
SG-7-27	P2002642-006	Air	5/12/2020	13:38	1SC00734	-0.24	6.40	X
SG-7-22	P2002642-007	Air	5/12/2020	14:00	1SS00889	-1.33	6.15	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Page _____ of _____

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. R2002642

Company Name & Address (Reporting Information)	Project Name	ALS Contact:	
K2C	[redacted]	**Analysis Method**	
	Project Number: K2C-Ho-To-Simi		
Project Manager	P.O. # / Billing Information		**Comments** e.g. Actual Preservative or specific instructions
Phone: / Fax:			
Email Address for Result Reporting	Sampler (Print & Sign)		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO15		
56-5-13	1	10/5	[illegible]	[illegible]	[illegible]	30	3	1L	✓		
56-5-4	2	10/5	11:35	[illegible]	[illegible]	29	4	1L	✓		
56-5-12	3	10/5	11:50	[illegible]	[illegible]	30	4	1L	✓		
56-6-1	4	10/5	12:35	[illegible]	[illegible]	29	3	1L	✓		
56-5-9	5	10/5	13:01	[illegible]	[illegible]	30	4	1L	✓		
56-7-2	6	10/5	15:39	[illegible]	[illegible]	30	3	1L	✓		
56-2-12	7	10/5	14:30	[illegible]	[illegible]	30	6	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) X
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: _____ Units: _____

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible]	10/6				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 10-14-15	Time: 0915

Cooler / Blank Temperature °C

5 of 59

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2002642

Project: Ecolog / KTE-40-20-Simi

Sample(s) received on: 5/14/20 Date opened: 5/14/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2002642-001.01	1.0 L Source Can					
P2002642-002.01	1.0 L Source Silonite Canister					
P2002642-003.01	1.0 L Source Can					
P2002642-004.01	1.0 L Source Silonite Canister					
P2002642-005.01	1.0 L Source Silonite Canister					
P2002642-006.01	1.0 L Source Can					
P2002642-007.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-19** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-001

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.115 Liter(s)
Test Notes: 0.035 Liter(s)
Container ID: 1SC00426

Initial Pressure (psig): -1.42 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5.6**	7.1	1.7	**3.3**	4.1	1.0	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	7.1	1.2	**0.43**	1.4	0.23	**J**
74-87-3	Chloromethane	**2.2**	7.1	1.1	**1.1**	3.4	0.55	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.1	7.1	1.1	<0.16	1.0	0.16	
75-01-4	Vinyl Chloride	<0.76	7.2	0.76	<0.30	2.8	0.30	
106-99-0	1,3-Butadiene	<1.2	7.1	1.2	<0.53	3.2	0.53	
74-83-9	Bromomethane	<0.98	7.2	0.98	<0.25	1.9	0.25	
75-00-3	Chloroethane	**2.7**	7.2	0.88	**1.0**	2.7	0.33	**J**
64-17-5	Ethanol	**850**	69	4.9	**450**	37	2.6	**B**
75-05-8	Acetonitrile	<1.7	7.1	1.7	<1.0	4.2	1.0	
107-02-8	Acrolein	**3.4**	13	2.0	**1.5**	5.8	0.87	**J**
67-64-1	Acetone	**75**	71	16	**32**	30	6.7	
75-69-4	Trichlorofluoromethane (CFC 11)	**890**	7.1	1.1	**160**	1.3	0.19	
67-63-0	2-Propanol (Isopropyl Alcohol)	<2.9	28	2.9	<1.2	11	1.2	
107-13-1	Acrylonitrile	<1.5	7.1	1.5	<0.67	3.3	0.67	
75-35-4	1,1-Dichloroethene	<0.98	7.2	0.98	<0.25	1.8	0.25	
75-09-2	Methylene Chloride	<2.0	7.1	2.0	<0.57	2.0	0.57	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.96	7.2	0.96	<0.31	2.3	0.31	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**3.9**	7.2	1.0	**0.51**	0.94	0.13	**J**
75-15-0	Carbon Disulfide	**5.2**	15	2.1	**1.7**	4.7	0.68	**J**
156-60-5	trans-1,2-Dichloroethene	<0.98	7.2	0.98	<0.25	1.8	0.25	
75-34-3	1,1-Dichloroethane	<1.0	7.3	1.0	<0.26	1.8	0.26	
1634-04-4	Methyl tert-Butyl Ether	<0.84	7.2	0.84	<0.23	2.0	0.23	
108-05-4	Vinyl Acetate	<16	72	16	<4.5	20	4.5	
78-93-3	2-Butanone (MEK)	**20**	15	1.5	**6.8**	5.0	0.50	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-19** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-001

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.115 Liter(s)
Test Notes: 0.035 Liter(s)
Container ID: 1SC00426

Initial Pressure (psig): -1.42 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<1.0	7.1	1.0	<0.25	1.8	0.25	
141-78-6	Ethyl Acetate	**8.0**	15	3.7	**2.2**	4.1	1.0	**J**
110-54-3	n-Hexane	<1.5	7.2	1.5	<0.42	2.0	0.42	
67-66-3	Chloroform	**5.6**	7.2	0.94	**1.1**	1.5	0.19	**J**
109-99-9	Tetrahydrofuran (THF)	**2.4**	7.3	0.89	**0.80**	2.5	0.30	**J**
107-06-2	1,2-Dichloroethane	<0.78	7.2	0.78	<0.19	1.8	0.19	
71-55-6	1,1,1-Trichloroethane	<0.88	7.2	0.88	<0.16	1.3	0.16	
71-43-2	Benzene	**3.5**	7.1	1.0	**1.1**	2.2	0.32	**J**
56-23-5	Carbon Tetrachloride	<0.98	7.1	0.98	<0.16	1.1	0.16	
110-82-7	Cyclohexane	<2.0	15	2.0	<0.58	4.3	0.58	
78-87-5	1,2-Dichloropropane	<0.88	7.2	0.88	<0.19	1.6	0.19	
75-27-4	Bromodichloromethane	<1.0	7.2	1.0	<0.15	1.1	0.15	
79-01-6	Trichloroethene	<0.96	7.2	0.96	<0.18	1.3	0.18	
123-91-1	1,4-Dioxane	<0.84	7.2	0.84	<0.23	2.0	0.23	
80-62-6	Methyl Methacrylate	<2.5	15	2.5	<0.62	3.6	0.62	
142-82-5	n-Heptane	<1.1	7.2	1.1	<0.28	1.8	0.28	
10061-01-5	cis-1,3-Dichloropropene	<1.1	6.9	1.1	<0.24	1.5	0.24	
108-10-1	4-Methyl-2-pentanone	**3.8**	7.1	0.97	**0.92**	1.7	0.24	**J**
10061-02-6	trans-1,3-Dichloropropene	<1.5	7.1	1.5	<0.32	1.6	0.32	
79-00-5	1,1,2-Trichloroethane	<0.72	7.2	0.72	<0.13	1.3	0.13	
108-88-3	Toluene	**45**	7.2	0.86	**12**	1.9	0.23	
591-78-6	2-Hexanone	**21**	7.2	0.88	**5.2**	1.8	0.21	
124-48-1	Dibromochloromethane	<0.93	7.2	0.93	<0.11	0.84	0.11	
106-93-4	1,2-Dibromoethane	<0.82	7.2	0.82	<0.11	0.94	0.11	
123-86-4	n-Butyl Acetate	**1,100**	24	3.2	**220**	5.1	0.67	**D**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-19** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-001

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.115 Liter(s)
Test Notes: 0.035 Liter(s)
Container ID: 1SC00426

Initial Pressure (psig): -1.42 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.8**	7.2	1.6	**0.38**	1.5	0.34	**J**
127-18-4	Tetrachloroethene	<0.92	6.9	0.92	<0.14	1.0	0.14	
108-90-7	Chlorobenzene	<0.94	7.2	0.94	<0.21	1.6	0.21	
100-41-4	Ethylbenzene	**3.1**	7.2	1.0	**0.71**	1.7	0.23	**J**
179601-23-1	m,p-Xylenes	**10**	15	1.9	**2.3**	3.4	0.43	**J**
75-25-2	Bromoform	<1.5	7.2	1.5	<0.14	0.70	0.14	
100-42-5	Styrene	**6.3**	7.1	1.1	**1.5**	1.7	0.27	**J**
95-47-6	o-Xylene	**7.5**	7.2	1.0	**1.7**	1.7	0.24	
111-84-2	n-Nonane	**12**	7.2	1.2	**2.4**	1.4	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	<0.98	7.2	0.98	<0.14	1.0	0.14	
98-82-8	Cumene	**12**	7.2	1.0	**2.5**	1.5	0.21	
80-56-8	alpha-Pinene	**19**	7.2	1.1	**3.4**	1.3	0.20	
103-65-1	n-Propylbenzene	**6.8**	7.2	1.0	**1.4**	1.5	0.21	**J**
622-96-8	4-Ethyltoluene	**10**	7.2	1.1	**2.1**	1.5	0.23	
108-67-8	1,3,5-Trimethylbenzene	**34**	7.1	1.0	**6.9**	1.4	0.21	
95-63-6	1,2,4-Trimethylbenzene	**78**	7.2	0.98	**16**	1.5	0.20	
100-44-7	Benzyl Chloride	**3.8**	15	1.6	**0.73**	2.8	0.31	**J**
541-73-1	1,3-Dichlorobenzene	<1.1	7.2	1.1	<0.18	1.2	0.18	
106-46-7	1,4-Dichlorobenzene	<1.1	7.2	1.1	<0.18	1.2	0.18	
95-50-1	1,2-Dichlorobenzene	<1.1	7.2	1.1	<0.17	1.2	0.17	
5989-27-5	d-Limonene	**16**	7.2	1.5	**2.9**	1.3	0.26	
96-12-8	1,2-Dibromo-3-chloropropane	<1.3	7.1	1.3	<0.14	0.73	0.14	
120-82-1	1,2,4-Trichlorobenzene	<1.7	7.2	1.7	<0.23	0.97	0.23	
91-20-3	Naphthalene	**2.6**	6.9	1.7	**0.49**	1.3	0.33	**J**
87-68-3	Hexachlorobutadiene	<1.5	7.1	1.5	<0.14	0.66	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-4** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-002

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SS00966

Initial Pressure (psig): -1.52 Final Pressure (psig): 4.68

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<38	160	38	<22	91	22	
75-71-8	Dichlorodifluoromethane (CFC 12)	<26	160	26	<5.2	32	5.2	
74-87-3	Chloromethane	<25	160	25	<12	75	12	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<25	160	25	<3.5	22	3.5	
75-01-4	Vinyl Chloride	<17	160	17	<6.6	62	6.6	
106-99-0	1,3-Butadiene	<26	160	26	<12	70	12	
74-83-9	Bromomethane	<22	160	22	<5.6	41	5.6	
75-00-3	Chloroethane	<19	160	19	<7.4	60	7.4	
64-17-5	Ethanol	**380**	1,500	110	**200**	810	58	**J, B**
75-05-8	Acetonitrile	<38	160	38	<23	93	23	
107-02-8	Acrolein	<44	290	44	<19	130	19	
67-64-1	Acetone	<350	1,600	350	<150	660	150	
75-69-4	Trichlorofluoromethane (CFC 11)	**1,600**	160	24	**290**	28	4.2	
67-63-0	2-Propanol (Isopropyl Alcohol)	<65	620	65	<26	250	26	
107-13-1	Acrylonitrile	<32	160	32	<15	72	15	
75-35-4	1,1-Dichloroethene	**54**	160	22	**14**	40	5.5	**J**
75-09-2	Methylene Chloride	<44	160	44	<13	45	13	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<21	160	21	<6.8	51	6.8	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**1,400**	160	22	**190**	21	2.9	
75-15-0	Carbon Disulfide	<47	320	47	<15	100	15	
156-60-5	trans-1,2-Dichloroethene	<22	160	22	<5.5	40	5.5	
75-34-3	1,1-Dichloroethane	<23	160	23	<5.7	40	5.7	
1634-04-4	Methyl tert-Butyl Ether	<19	160	19	<5.1	44	5.1	
108-05-4	Vinyl Acetate	<350	1,600	350	<100	450	100	
78-93-3	2-Butanone (MEK)	<32	320	32	<11	110	11	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-4** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-002

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SS00966

Initial Pressure (psig): -1.52 Final Pressure (psig): 4.68

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<22	160	22	<5.6	39	5.6	
141-78-6	Ethyl Acetate	<82	320	82	<23	90	23	
110-54-3	n-Hexane	<32	160	32	<9.2	45	9.2	
67-66-3	Chloroform	<21	160	21	<4.3	33	4.3	
109-99-9	Tetrahydrofuran (THF)	<20	160	20	<6.7	55	6.7	
107-06-2	1,2-Dichloroethane	<17	160	17	<4.3	39	4.3	
71-55-6	1,1,1-Trichloroethane	**41**	160	19	**7.4**	29	3.6	**J**
71-43-2	Benzene	<23	160	23	<7.1	49	7.1	
56-23-5	Carbon Tetrachloride	<22	160	22	<3.5	25	3.5	
110-82-7	Cyclohexane	<44	320	44	<13	94	13	
78-87-5	1,2-Dichloropropane	**66**	160	19	**14**	34	4.2	**J**
75-27-4	Bromodichloromethane	<23	160	23	<3.4	24	3.4	
79-01-6	Trichloroethene	**470**	160	21	**88**	30	3.9	
123-91-1	1,4-Dioxane	<19	160	19	<5.1	44	5.1	
80-62-6	Methyl Methacrylate	<56	320	56	<14	79	14	
142-82-5	n-Heptane	<25	160	25	<6.1	39	6.1	
10061-01-5	cis-1,3-Dichloropropene	<24	150	24	<5.4	34	5.4	
108-10-1	4-Methyl-2-pentanone	<21	160	21	<5.2	38	5.2	
10061-02-6	trans-1,3-Dichloropropene	<32	160	32	<7.1	34	7.1	
79-00-5	1,1,2-Trichloroethane	<16	160	16	<2.9	29	2.9	
108-88-3	Toluene	**350**	160	19	**94**	42	5.1	
591-78-6	2-Hexanone	<19	160	19	<4.7	39	4.7	
124-48-1	Dibromochloromethane	<21	160	21	<2.4	19	2.4	
106-93-4	1,2-Dibromoethane	<18	160	18	<2.4	21	2.4	
123-86-4	n-Butyl Acetate	**310**	160	21	**65**	34	4.5	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-4** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-002

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SS00966

Initial Pressure (psig): -1.52 Final Pressure (psig): 4.68

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<35	160	35	<7.6	34	7.6	
127-18-4	Tetrachloroethene	<20	150	20	<3.0	23	3.0	
108-90-7	Chlorobenzene	<21	160	21	<4.5	34	4.5	
100-41-4	Ethylbenzene	<22	160	22	<5.1	37	5.1	
179601-23-1	m,p-Xylenes	<41	320	41	<9.5	74	9.5	
75-25-2	Bromoform	**47**	160	32	**4.6**	15	3.1	**J**
100-42-5	Styrene	<25	160	25	<5.9	37	5.9	
95-47-6	o-Xylene	<23	160	23	<5.2	37	5.2	
111-84-2	n-Nonane	<26	160	26	<5.0	30	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	<22	160	22	<3.2	23	3.2	
98-82-8	Cumene	<23	160	23	<4.6	32	4.6	
80-56-8	alpha-Pinene	<24	160	24	<4.3	29	4.3	
103-65-1	n-Propylbenzene	<23	160	23	<4.6	32	4.6	
622-96-8	4-Ethyltoluene	<25	160	25	<5.1	32	5.1	
108-67-8	1,3,5-Trimethylbenzene	<23	160	23	<4.6	32	4.6	
95-63-6	1,2,4-Trimethylbenzene	<22	160	22	<4.4	32	4.4	
100-44-7	Benzyl Chloride	<35	320	35	<6.8	62	6.8	
541-73-1	1,3-Dichlorobenzene	<24	160	24	<3.9	26	3.9	
106-46-7	1,4-Dichlorobenzene	<24	160	24	<4.0	26	4.0	
95-50-1	1,2-Dichlorobenzene	<23	160	23	<3.9	26	3.9	
5989-27-5	d-Limonene	<32	160	32	<5.8	29	5.8	
96-12-8	1,2-Dibromo-3-chloropropane	<29	160	29	<3.0	16	3.0	
120-82-1	1,2,4-Trichlorobenzene	<38	160	38	<5.2	21	5.2	
91-20-3	Naphthalene	<38	150	38	<7.3	29	7.3	
87-68-3	Hexachlorobutadiene	<32	160	32	<3.0	15	3.0	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **SG-5-4** ALS Project ID: P2002642

Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-002

Tentatively Identified Compounds

Test Code:	EPA TO-15	Date Collected:	5/12/20
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	5/14/20
Analyst:	Lusine Hakobyan	Date Analyzed:	5/22/20
Sample Type:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.0050 Liter(s)
Test Notes:	**T**		
Container ID:	1SS00966		

Initial Pressure (psig): -1.52 Final Pressure (psig): 4.68

Canister Dilution Factor: 1.47

GC/MS Retention Time	**Compound Identification**	**Concentration µg/m³**	**Data Qualifier**
5.63	1-Chloro-1-Fluoroethane	**4,400**	
7.48	1,1-Dichloro-1-fluoroethane	**240,000**	

T = Analyte is a tentatively identified compound, result is estimated.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-13** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-003

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes: 0.020 Liter(s)
Container ID: 1SC00344

Initial Pressure (psig): -0.23 Final Pressure (psig): 5.52

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**9.4**	3.7	0.91	**5.5**	2.2	0.53	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	3.7	0.61	**0.49**	0.75	0.12	**J**
74-87-3	Chloromethane	**1.2**	3.7	0.60	**0.58**	1.8	0.29	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.59	3.7	0.59	<0.084	0.53	0.084	
75-01-4	Vinyl Chloride	<0.40	3.8	0.40	<0.16	1.5	0.16	
106-99-0	1,3-Butadiene	<0.62	3.7	0.62	<0.28	1.7	0.28	
74-83-9	Bromomethane	<0.52	3.8	0.52	<0.13	0.97	0.13	
75-00-3	Chloroethane	**0.63**	3.8	0.46	**0.24**	1.4	0.18	**J**
64-17-5	Ethanol	**270**	36	2.6	**140**	19	1.4	**B**
75-05-8	Acetonitrile	**1.5**	3.7	0.91	**0.92**	2.2	0.54	**J**
107-02-8	Acrolein	**1.5**	7.0	1.1	**0.66**	3.1	0.46	**J**
67-64-1	Acetone	<8.4	37	8.4	<3.5	16	3.5	
75-69-4	Trichlorofluoromethane (CFC 11)	**110**	3.7	0.57	**19**	0.66	0.10	
67-63-0	2-Propanol (Isopropyl Alcohol)	<1.5	15	1.5	<0.63	6.0	0.63	
107-13-1	Acrylonitrile	<0.77	3.7	0.77	<0.35	1.7	0.35	
75-35-4	1,1-Dichloroethene	**0.86**	3.8	0.52	**0.22**	0.95	0.13	**J**
75-09-2	Methylene Chloride	**1.2**	3.7	1.1	**0.35**	1.1	0.30	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.50	3.8	0.50	<0.16	1.2	0.16	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**1,600**	38	5.3	**200**	4.9	0.69	**D**
75-15-0	Carbon Disulfide	**8.0**	7.7	1.1	**2.6**	2.5	0.36	
156-60-5	trans-1,2-Dichloroethene	<0.52	3.8	0.52	<0.13	0.95	0.13	
75-34-3	1,1-Dichloroethane	<0.55	3.9	0.55	<0.13	0.95	0.13	
1634-04-4	Methyl tert-Butyl Ether	**3.2**	3.8	0.44	**0.88**	1.0	0.12	**J**
108-05-4	Vinyl Acetate	<8.4	38	8.4	<2.4	11	2.4	
78-93-3	2-Butanone (MEK)	**9.3**	7.7	0.77	**3.2**	2.6	0.26	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-13** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-003

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes: 0.020 Liter(s)
Container ID: 1SC00344

Initial Pressure (psig): -0.23 Final Pressure (psig): 5.52

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.53	3.7	0.53	<0.13	0.94	0.13	
141-78-6	Ethyl Acetate	**8.8**	7.7	2.0	**2.4**	2.1	0.54	
110-54-3	n-Hexane	**1.2**	3.8	0.77	**0.35**	1.1	0.22	**J**
67-66-3	Chloroform	**1.8**	3.8	0.50	**0.37**	0.77	0.10	**J**
109-99-9	Tetrahydrofuran (THF)	<0.47	3.9	0.47	<0.16	1.3	0.16	
107-06-2	1,2-Dichloroethane	<0.41	3.8	0.41	<0.10	0.93	0.10	
71-55-6	1,1,1-Trichloroethane	**1.2**	3.8	0.46	**0.22**	0.69	0.085	**J**
71-43-2	Benzene	**2.9**	3.7	0.54	**0.91**	1.2	0.17	**J**
56-23-5	Carbon Tetrachloride	<0.52	3.7	0.52	<0.082	0.59	0.082	
110-82-7	Cyclohexane	<1.1	7.7	1.1	<0.31	2.2	0.31	
78-87-5	1,2-Dichloropropane	**1.4**	3.8	0.46	**0.31**	0.82	0.10	**J**
75-27-4	Bromodichloromethane	<0.54	3.8	0.54	<0.080	0.56	0.080	
79-01-6	Trichloroethene	**7.7**	3.8	0.50	**1.4**	0.70	0.094	
123-91-1	1,4-Dioxane	<0.44	3.8	0.44	<0.12	1.0	0.12	
80-62-6	Methyl Methacrylate	<1.3	7.7	1.3	<0.32	1.9	0.32	
142-82-5	n-Heptane	**1.4**	3.8	0.60	**0.35**	0.92	0.15	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.58	3.6	0.58	<0.13	0.80	0.13	
108-10-1	4-Methyl-2-pentanone	**0.82**	3.7	0.51	**0.20**	0.91	0.12	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.77	3.7	0.77	<0.17	0.82	0.17	
79-00-5	1,1,2-Trichloroethane	<0.38	3.8	0.38	<0.069	0.69	0.069	
108-88-3	Toluene	**6.8**	3.8	0.46	**1.8**	1.0	0.12	
591-78-6	2-Hexanone	**5.0**	3.8	0.46	**1.2**	0.92	0.11	
124-48-1	Dibromochloromethane	<0.49	3.8	0.49	<0.058	0.44	0.058	
106-93-4	1,2-Dibromoethane	<0.43	3.8	0.43	<0.056	0.49	0.056	
123-86-4	n-Butyl Acetate	**710**	39	5.1	**150**	8.1	1.1	**D**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-13** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-003

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes: 0.020 Liter(s)
Container ID: 1SC00344

Initial Pressure (psig): -0.23 Final Pressure (psig): 5.52

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.84	3.8	0.84	<0.18	0.81	0.18	
127-18-4	Tetrachloroethene	**2.2**	3.6	0.48	**0.32**	0.54	0.071	**J**
108-90-7	Chlorobenzene	<0.50	3.8	0.50	<0.11	0.82	0.11	
100-41-4	Ethylbenzene	**3.6**	3.8	0.53	**0.82**	0.87	0.12	**J**
179601-23-1	m,p-Xylenes	**6.4**	7.7	0.98	**1.5**	1.8	0.23	**J**
75-25-2	Bromoform	**8.3**	3.8	0.77	**0.80**	0.37	0.075	
100-42-5	Styrene	**5.5**	3.7	0.60	**1.3**	0.87	0.14	
95-47-6	o-Xylene	**4.3**	3.8	0.54	**0.98**	0.87	0.12	
111-84-2	n-Nonane	**1.7**	3.8	0.62	**0.33**	0.72	0.12	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.52	3.8	0.52	<0.075	0.55	0.075	
98-82-8	Cumene	**4.5**	3.8	0.54	**0.91**	0.77	0.11	
80-56-8	alpha-Pinene	**2.9**	3.8	0.57	**0.52**	0.68	0.10	**J**
103-65-1	n-Propylbenzene	**4.1**	3.8	0.54	**0.83**	0.77	0.11	
622-96-8	4-Ethyltoluene	**1.5**	3.8	0.60	**0.30**	0.77	0.12	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.7**	3.7	0.54	**0.35**	0.75	0.11	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.4**	3.8	0.52	**0.69**	0.77	0.11	**J**
100-44-7	Benzyl Chloride	<0.84	7.7	0.84	<0.16	1.5	0.16	
541-73-1	1,3-Dichlorobenzene	<0.56	3.8	0.56	<0.093	0.63	0.093	
106-46-7	1,4-Dichlorobenzene	<0.57	3.8	0.57	<0.096	0.63	0.096	
95-50-1	1,2-Dichlorobenzene	<0.55	3.8	0.55	<0.092	0.63	0.092	
5989-27-5	d-Limonene	**7.5**	3.8	0.77	**1.3**	0.68	0.14	
96-12-8	1,2-Dibromo-3-chloropropane	<0.70	3.7	0.70	<0.072	0.38	0.072	
120-82-1	1,2,4-Trichlorobenzene	<0.91	3.8	0.91	<0.12	0.51	0.12	
91-20-3	Naphthalene	**3.4**	3.6	0.91	**0.64**	0.69	0.17	**J**
87-68-3	Hexachlorobutadiene	<0.77	3.7	0.77	<0.072	0.35	0.072	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6-1** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-004

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS00796

Initial Pressure (psig): -1.52 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<3.4	14	3.4	<2.0	8.0	2.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	14	2.3	**0.69**	2.8	0.46	**J**
74-87-3	Chloromethane	<2.2	14	2.2	<1.1	6.7	1.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<2.2	14	2.2	<0.31	2.0	0.31	
75-01-4	Vinyl Chloride	<1.5	14	1.5	<0.58	5.5	0.58	
106-99-0	1,3-Butadiene	<2.3	14	2.3	<1.0	6.2	1.0	
74-83-9	Bromomethane	<1.9	14	1.9	<0.50	3.6	0.50	
75-00-3	Chloroethane	<1.7	14	1.7	<0.65	5.3	0.65	
64-17-5	Ethanol	**25**	140	9.6	**13**	72	5.1	**J, B**
75-05-8	Acetonitrile	<3.4	14	3.4	<2.0	8.2	2.0	
107-02-8	Acrolein	<3.9	26	3.9	<1.7	11	1.7	
67-64-1	Acetone	<31	140	31	<13	58	13	
75-69-4	Trichlorofluoromethane (CFC 11)	**1,400**	14	2.1	**250**	2.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	<5.7	55	5.7	<2.3	22	2.3	
107-13-1	Acrylonitrile	<2.9	14	2.9	<1.3	6.4	1.3	
75-35-4	1,1-Dichloroethene	**3.2**	14	1.9	**0.80**	3.5	0.49	**J**
75-09-2	Methylene Chloride	<3.9	14	3.9	<1.1	4.0	1.1	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<1.9	14	1.9	<0.60	4.5	0.60	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**3,200**	56	7.9	**420**	7.3	1.0	**D**
75-15-0	Carbon Disulfide	<4.2	29	4.2	<1.3	9.2	1.3	
156-60-5	trans-1,2-Dichloroethene	<1.9	14	1.9	<0.49	3.5	0.49	
75-34-3	1,1-Dichloroethane	<2.0	14	2.0	<0.50	3.5	0.50	
1634-04-4	Methyl tert-Butyl Ether	<1.6	14	1.6	<0.45	3.9	0.45	
108-05-4	Vinyl Acetate	<31	140	31	<8.9	40	8.9	
78-93-3	2-Butanone (MEK)	<2.9	29	2.9	<0.97	9.7	0.97	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6-1** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-004

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS00796

Initial Pressure (psig): -1.52 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<2.0	14	2.0	<0.49	3.5	0.49	
141-78-6	Ethyl Acetate	<7.3	29	7.3	<2.0	7.9	2.0	
110-54-3	n-Hexane	<2.9	14	2.9	<0.81	4.0	0.81	
67-66-3	Chloroform	**6.2**	14	1.8	**1.3**	2.9	0.38	**J**
109-99-9	Tetrahydrofuran (THF)	<1.7	14	1.7	<0.59	4.9	0.59	
107-06-2	1,2-Dichloroethane	<1.5	14	1.5	<0.38	3.5	0.38	
71-55-6	1,1,1-Trichloroethane	**2.2**	14	1.7	**0.40**	2.6	0.31	**J**
71-43-2	Benzene	<2.0	14	2.0	<0.63	4.3	0.63	
56-23-5	Carbon Tetrachloride	<1.9	14	1.9	<0.31	2.2	0.31	
110-82-7	Cyclohexane	<3.9	29	3.9	<1.1	8.3	1.1	
78-87-5	1,2-Dichloropropane	**3.2**	14	1.7	**0.69**	3.0	0.37	**J**
75-27-4	Bromodichloromethane	<2.0	14	2.0	<0.30	2.1	0.30	
79-01-6	Trichloroethene	**3.9**	14	1.9	**0.73**	2.6	0.35	**J**
123-91-1	1,4-Dioxane	<1.6	14	1.6	<0.45	3.9	0.45	
80-62-6	Methyl Methacrylate	<4.9	29	4.9	<1.2	7.0	1.2	
142-82-5	n-Heptane	**2.6**	14	2.2	**0.63**	3.4	0.54	**J**
10061-01-5	cis-1,3-Dichloropropene	<2.2	14	2.2	<0.48	3.0	0.48	
108-10-1	4-Methyl-2-pentanone	<1.9	14	1.9	<0.46	3.4	0.46	
10061-02-6	trans-1,3-Dichloropropene	<2.9	14	2.9	<0.63	3.0	0.63	
79-00-5	1,1,2-Trichloroethane	<1.4	14	1.4	<0.26	2.6	0.26	
108-88-3	Toluene	**4.6**	14	1.7	**1.2**	3.7	0.45	**J**
591-78-6	2-Hexanone	<1.7	14	1.7	<0.42	3.4	0.42	
124-48-1	Dibromochloromethane	<1.8	14	1.8	<0.21	1.6	0.21	
106-93-4	1,2-Dibromoethane	<1.6	14	1.6	<0.21	1.8	0.21	
123-86-4	n-Butyl Acetate	**6.6**	14	1.9	**1.4**	3.0	0.40	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6-1** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-004

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS00796

Initial Pressure (psig): -1.52 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<3.1	14	3.1	<0.67	3.0	0.67	
127-18-4	Tetrachloroethene	<1.8	14	1.8	<0.26	2.0	0.26	
108-90-7	Chlorobenzene	<1.8	14	1.8	<0.40	3.0	0.40	
100-41-4	Ethylbenzene	<2.0	14	2.0	<0.45	3.2	0.45	
179601-23-1	m,p-Xylenes	<3.6	29	3.6	<0.84	6.6	0.84	
75-25-2	Bromoform	<2.9	14	2.9	<0.28	1.4	0.28	
100-42-5	Styrene	<2.2	14	2.2	<0.53	3.2	0.53	
95-47-6	o-Xylene	<2.0	14	2.0	<0.46	3.2	0.46	
111-84-2	n-Nonane	<2.3	14	2.3	<0.44	2.7	0.44	
79-34-5	1,1,2,2-Tetrachloroethane	<1.9	14	1.9	<0.28	2.0	0.28	
98-82-8	Cumene	<2.0	14	2.0	<0.41	2.9	0.41	
80-56-8	alpha-Pinene	<2.1	14	2.1	<0.38	2.5	0.38	
103-65-1	n-Propylbenzene	<2.0	14	2.0	<0.41	2.9	0.41	
622-96-8	4-Ethyltoluene	<2.2	14	2.2	<0.45	2.9	0.45	
108-67-8	1,3,5-Trimethylbenzene	<2.0	14	2.0	<0.41	2.8	0.41	
95-63-6	1,2,4-Trimethylbenzene	<1.9	14	1.9	<0.39	2.9	0.39	
100-44-7	Benzyl Chloride	<3.1	29	3.1	<0.60	5.5	0.60	
541-73-1	1,3-Dichlorobenzene	<2.1	14	2.1	<0.35	2.3	0.35	
106-46-7	1,4-Dichlorobenzene	<2.1	14	2.1	<0.35	2.3	0.35	
95-50-1	1,2-Dichlorobenzene	<2.1	14	2.1	<0.34	2.3	0.34	
5989-27-5	d-Limonene	<2.9	14	2.9	<0.51	2.5	0.51	
96-12-8	1,2-Dibromo-3-chloropropane	<2.6	14	2.6	<0.27	1.4	0.27	
120-82-1	1,2,4-Trichlorobenzene	<3.4	14	3.4	<0.46	1.9	0.46	
91-20-3	Naphthalene	<3.4	14	3.4	<0.65	2.6	0.65	
87-68-3	Hexachlorobutadiene	<2.9	14	2.9	<0.27	1.3	0.27	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-9** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-005

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.13 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS00887

Initial Pressure (psig): -1.28 Final Pressure (psig): 6.00

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**18**	6.3	1.5	**11**	3.6	0.90	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.9**	6.3	1.0	**0.99**	1.3	0.21	**J**
74-87-3	Chloromethane	<1.0	6.3	1.0	<0.49	3.0	0.49	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.0	6.3	1.0	<0.14	0.90	0.14	
75-01-4	Vinyl Chloride	<0.68	6.4	0.68	<0.26	2.5	0.26	
106-99-0	1,3-Butadiene	<1.0	6.3	1.0	<0.47	2.8	0.47	
74-83-9	Bromomethane	<0.88	6.4	0.88	<0.23	1.6	0.23	
75-00-3	Chloroethane	<0.78	6.4	0.78	<0.30	2.4	0.30	
64-17-5	Ethanol	**19**	62	4.4	**10**	33	2.3	**J, B**
75-05-8	Acetonitrile	<1.5	6.3	1.5	<0.92	3.7	0.92	
107-02-8	Acrolein	<1.8	12	1.8	<0.78	5.2	0.78	
67-64-1	Acetone	<14	63	14	<6.0	26	6.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1,200**	54	8.3	**210**	9.7	1.5	**D**
67-63-0	2-Propanol (Isopropyl Alcohol)	<2.6	25	2.6	<1.1	10	1.1	
107-13-1	Acrylonitrile	<1.3	6.3	1.3	<0.60	2.9	0.60	
75-35-4	1,1-Dichloroethene	**1.8**	6.4	0.88	**0.45**	1.6	0.22	**J**
75-09-2	Methylene Chloride	<1.8	6.3	1.8	<0.51	1.8	0.51	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.85	6.4	0.85	<0.27	2.0	0.27	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**3,200**	55	7.8	**420**	7.2	1.0	**D**
75-15-0	Carbon Disulfide	**4.7**	13	1.9	**1.5**	4.2	0.61	**J**
156-60-5	trans-1,2-Dichloroethene	<0.88	6.4	0.88	<0.22	1.6	0.22	
75-34-3	1,1-Dichloroethane	<0.92	6.5	0.92	<0.23	1.6	0.23	
1634-04-4	Methyl tert-Butyl Ether	<0.75	6.4	0.75	<0.21	1.8	0.21	
108-05-4	Vinyl Acetate	<14	64	14	<4.0	18	4.0	
78-93-3	2-Butanone (MEK)	**2.5**	13	1.3	**0.84**	4.4	0.44	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-9** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-005

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.13 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS00887

Initial Pressure (psig): -1.28 Final Pressure (psig): 6.00

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.89	6.3	0.89	<0.22	1.6	0.22	
141-78-6	Ethyl Acetate	<3.3	13	3.3	<0.92	3.6	0.92	
110-54-3	n-Hexane	**1.4**	6.4	1.3	**0.40**	1.8	0.37	**J**
67-66-3	Chloroform	**5.9**	6.4	0.84	**1.2**	1.3	0.17	**J**
109-99-9	Tetrahydrofuran (THF)	<0.79	6.5	0.79	<0.27	2.2	0.27	
107-06-2	1,2-Dichloroethane	<0.70	6.4	0.70	<0.17	1.6	0.17	
71-55-6	1,1,1-Trichloroethane	**1.9**	6.4	0.78	**0.35**	1.2	0.14	**J**
71-43-2	Benzene	**1.4**	6.3	0.91	**0.45**	2.0	0.29	**J**
56-23-5	Carbon Tetrachloride	<0.88	6.3	0.88	<0.14	1.0	0.14	
110-82-7	Cyclohexane	**1.9**	13	1.8	**0.55**	3.8	0.52	**J**
78-87-5	1,2-Dichloropropane	**1.3**	6.4	0.78	**0.29**	1.4	0.17	**J**
75-27-4	Bromodichloromethane	<0.91	6.4	0.91	<0.14	0.96	0.14	
79-01-6	Trichloroethene	**3.6**	6.4	0.85	**0.66**	1.2	0.16	**J**
123-91-1	1,4-Dioxane	<0.75	6.4	0.75	<0.21	1.8	0.21	
80-62-6	Methyl Methacrylate	<2.3	13	2.3	<0.55	3.2	0.55	
142-82-5	n-Heptane	**4.8**	6.4	1.0	**1.2**	1.6	0.25	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.98	6.2	0.98	<0.22	1.4	0.22	
108-10-1	4-Methyl-2-pentanone	**0.91**	6.3	0.86	**0.22**	1.5	0.21	**J**
10061-02-6	trans-1,3-Dichloropropene	<1.3	6.3	1.3	<0.29	1.4	0.29	
79-00-5	1,1,2-Trichloroethane	<0.64	6.4	0.64	<0.12	1.2	0.12	
108-88-3	Toluene	**8.1**	6.4	0.77	**2.2**	1.7	0.20	
591-78-6	2-Hexanone	**1.3**	6.4	0.78	**0.31**	1.6	0.19	**J**
124-48-1	Dibromochloromethane	<0.83	6.4	0.83	<0.097	0.75	0.097	
106-93-4	1,2-Dibromoethane	<0.73	6.4	0.73	<0.096	0.83	0.096	
123-86-4	n-Butyl Acetate	**1.2**	6.5	0.86	**0.25**	1.4	0.18	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-9** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-005

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/27/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.13 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS00887

Initial Pressure (psig): -1.28 Final Pressure (psig): 6.00

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<1.4	6.4	1.4	<0.30	1.4	0.30	
127-18-4	Tetrachloroethene	<0.82	6.2	0.82	<0.12	0.91	0.12	
108-90-7	Chlorobenzene	<0.84	6.4	0.84	<0.18	1.4	0.18	
100-41-4	Ethylbenzene	**1.6**	6.4	0.89	**0.37**	1.5	0.20	**J**
179601-23-1	m,p-Xylenes	**4.8**	13	1.7	**1.1**	3.0	0.38	**J**
75-25-2	Bromoform	<1.3	6.4	1.3	<0.13	0.62	0.13	
100-42-5	Styrene	<1.0	6.3	1.0	<0.24	1.5	0.24	
95-47-6	o-Xylene	**2.5**	6.4	0.91	**0.56**	1.5	0.21	**J**
111-84-2	n-Nonane	**1.5**	6.4	1.1	**0.29**	1.2	0.20	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.88	6.4	0.88	<0.13	0.93	0.13	
98-82-8	Cumene	<0.91	6.4	0.91	<0.19	1.3	0.19	
80-56-8	alpha-Pinene	**33**	6.4	0.97	**6.0**	1.1	0.17	
103-65-1	n-Propylbenzene	**0.92**	6.4	0.91	**0.19**	1.3	0.19	**J**
622-96-8	4-Ethyltoluene	**1.3**	6.4	1.0	**0.26**	1.3	0.20	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.6**	6.3	0.91	**0.33**	1.3	0.19	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.8**	6.4	0.88	**0.97**	1.3	0.18	**J**
100-44-7	Benzyl Chloride	<1.4	13	1.4	<0.27	2.5	0.27	
541-73-1	1,3-Dichlorobenzene	<0.95	6.4	0.95	<0.16	1.1	0.16	
106-46-7	1,4-Dichlorobenzene	<0.97	6.4	0.97	<0.16	1.1	0.16	
95-50-1	1,2-Dichlorobenzene	<0.94	6.4	0.94	<0.16	1.1	0.16	
5989-27-5	d-Limonene	<1.3	6.4	1.3	<0.23	1.1	0.23	
96-12-8	1,2-Dibromo-3-chloropropane	<1.2	6.3	1.2	<0.12	0.65	0.12	
120-82-1	1,2,4-Trichlorobenzene	<1.5	6.4	1.5	<0.21	0.86	0.21	
91-20-3	Naphthalene	<1.5	6.2	1.5	<0.29	1.2	0.29	
87-68-3	Hexachlorobutadiene	<1.3	6.3	1.3	<0.12	0.59	0.12	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-7-27** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-006

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/23/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00734

Initial Pressure (psig): -0.24 Final Pressure (psig): 6.40

Canister Dilution Factor: 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**14**	1.9	0.47	**8.4**	1.1	0.28	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	1.9	0.32	**0.46**	0.39	0.064	
74-87-3	Chloromethane	**1.2**	1.9	0.31	**0.59**	0.94	0.15	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.31	1.9	0.31	<0.044	0.28	0.044	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.081	0.77	0.081	
106-99-0	1,3-Butadiene	**2.9**	1.9	0.32	**1.3**	0.87	0.15	
74-83-9	Bromomethane	<0.27	2.0	0.27	<0.070	0.51	0.070	
75-00-3	Chloroethane	<0.24	2.0	0.24	<0.091	0.75	0.091	
64-17-5	Ethanol	**310**	19	1.4	**170**	10	0.72	**B**
75-05-8	Acetonitrile	**1.4**	1.9	0.47	**0.83**	1.2	0.28	**J**
107-02-8	Acrolein	**3.3**	3.7	0.55	**1.4**	1.6	0.24	**J**
67-64-1	Acetone	**45**	19	4.4	**19**	8.1	1.8	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.9**	1.9	0.30	**0.35**	0.34	0.053	
67-63-0	2-Propanol (Isopropyl Alcohol)	**12**	7.7	0.80	**4.7**	3.1	0.33	
107-13-1	Acrylonitrile	<0.40	1.9	0.40	<0.19	0.89	0.19	
75-35-4	1,1-Dichloroethene	<0.27	2.0	0.27	<0.068	0.50	0.068	
75-09-2	Methylene Chloride	**3.4**	1.9	0.55	**0.98**	0.56	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.26	2.0	0.26	<0.084	0.63	0.084	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**2.9**	2.0	0.28	**0.37**	0.26	0.036	
75-15-0	Carbon Disulfide	**3.8**	4.0	0.58	**1.2**	1.3	0.19	**J**
156-60-5	trans-1,2-Dichloroethene	<0.27	2.0	0.27	<0.068	0.50	0.068	
75-34-3	1,1-Dichloroethane	<0.28	2.0	0.28	<0.070	0.50	0.070	
1634-04-4	Methyl tert-Butyl Ether	**2.4**	2.0	0.23	**0.67**	0.55	0.064	
108-05-4	Vinyl Acetate	**9.8**	20	4.4	**2.8**	5.6	1.2	**J**
78-93-3	2-Butanone (MEK)	**7.3**	4.0	0.40	**2.5**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-7-27** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-006

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/23/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00734

Initial Pressure (psig): -0.24 Final Pressure (psig): 6.40

Canister Dilution Factor: 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.27	1.9	0.27	<0.069	0.49	0.069	
141-78-6	Ethyl Acetate	**8.1**	4.0	1.0	**2.2**	1.1	0.28	
110-54-3	n-Hexane	**3.0**	2.0	0.40	**0.84**	0.56	0.11	
67-66-3	Chloroform	<0.26	2.0	0.26	<0.053	0.40	0.053	
109-99-9	Tetrahydrofuran (THF)	**0.26**	2.0	0.24	**0.088**	0.68	0.083	**J**
107-06-2	1,2-Dichloroethane	<0.22	2.0	0.22	<0.053	0.49	0.053	
71-55-6	1,1,1-Trichloroethane	<0.24	2.0	0.24	<0.044	0.36	0.044	
71-43-2	Benzene	**8.6**	1.9	0.28	**2.7**	0.61	0.088	
56-23-5	Carbon Tetrachloride	<0.27	1.9	0.27	<0.043	0.31	0.043	
110-82-7	Cyclohexane	**0.85**	4.0	0.55	**0.25**	1.2	0.16	**J**
78-87-5	1,2-Dichloropropane	<0.24	2.0	0.24	<0.052	0.43	0.052	
75-27-4	Bromodichloromethane	<0.28	2.0	0.28	<0.042	0.29	0.042	
79-01-6	Trichloroethene	**0.32**	2.0	0.26	**0.060**	0.37	0.049	**J**
123-91-1	1,4-Dioxane	<0.23	2.0	0.23	<0.064	0.55	0.064	
80-62-6	Methyl Methacrylate	<0.69	4.0	0.69	<0.17	0.98	0.17	
142-82-5	n-Heptane	**1.9**	2.0	0.31	**0.46**	0.48	0.076	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.30	1.9	0.30	<0.067	0.42	0.067	
108-10-1	4-Methyl-2-pentanone	**0.52**	1.9	0.27	**0.13**	0.47	0.065	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.40	1.9	0.40	<0.088	0.43	0.088	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.036	0.36	0.036	
108-88-3	Toluene	**24**	2.0	0.24	**6.4**	0.52	0.063	
591-78-6	2-Hexanone	**1.4**	2.0	0.24	**0.35**	0.48	0.059	**J**
124-48-1	Dibromochloromethane	<0.26	2.0	0.26	<0.030	0.23	0.030	
106-93-4	1,2-Dibromoethane	<0.23	2.0	0.23	<0.029	0.26	0.029	
123-86-4	n-Butyl Acetate	**0.91**	2.0	0.27	**0.19**	0.42	0.056	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-7-27** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-006

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/23/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00734

Initial Pressure (psig): -0.24 Final Pressure (psig): 6.40

Canister Dilution Factor: 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.0**	2.0	0.44	**0.43**	0.42	0.094	
127-18-4	Tetrachloroethene	<0.25	1.9	0.25	<0.037	0.28	0.037	
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.056	0.43	0.056	
100-41-4	Ethylbenzene	**8.4**	2.0	0.27	**1.9**	0.45	0.063	
179601-23-1	m,p-Xylenes	**25**	4.0	0.51	**5.9**	0.92	0.12	
75-25-2	Bromoform	<0.40	2.0	0.40	<0.039	0.19	0.039	
100-42-5	Styrene	**3.4**	1.9	0.31	**0.79**	0.45	0.074	
95-47-6	o-Xylene	**10**	2.0	0.28	**2.4**	0.45	0.065	
111-84-2	n-Nonane	**1.5**	2.0	0.32	**0.29**	0.38	0.062	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.27	2.0	0.27	<0.039	0.29	0.039	
98-82-8	Cumene	**0.76**	2.0	0.28	**0.16**	0.40	0.057	**J**
80-56-8	alpha-Pinene	<0.30	2.0	0.30	<0.054	0.35	0.054	
103-65-1	n-Propylbenzene	**2.3**	2.0	0.28	**0.47**	0.40	0.057	
622-96-8	4-Ethyltoluene	**4.3**	2.0	0.31	**0.87**	0.40	0.063	
108-67-8	1,3,5-Trimethylbenzene	**4.9**	1.9	0.28	**0.99**	0.39	0.057	
95-63-6	1,2,4-Trimethylbenzene	**18**	2.0	0.27	**3.7**	0.40	0.055	
100-44-7	Benzyl Chloride	<0.44	4.0	0.44	<0.085	0.78	0.085	
541-73-1	1,3-Dichlorobenzene	<0.29	2.0	0.29	<0.049	0.33	0.049	
106-46-7	1,4-Dichlorobenzene	<0.30	2.0	0.30	<0.050	0.33	0.050	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.048	0.33	0.048	
5989-27-5	d-Limonene	**0.47**	2.0	0.40	**0.085**	0.35	0.072	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	1.9	0.37	<0.038	0.20	0.038	
120-82-1	1,2,4-Trichlorobenzene	<0.47	2.0	0.47	<0.064	0.27	0.064	
91-20-3	Naphthalene	<0.47	1.9	0.47	<0.091	0.36	0.091	
87-68-3	Hexachlorobutadiene	<0.40	1.9	0.40	<0.038	0.18	0.038	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-7-22** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-007

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/23/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00889

Initial Pressure (psig): -1.33 Final Pressure (psig): 6.15

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.64**	2.1	0.51	**0.37**	1.2	0.29	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	2.1	0.34	**0.55**	0.42	0.069	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.16	1.0	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.30	0.047	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.087	0.82	0.087	
106-99-0	1,3-Butadiene	<0.34	2.1	0.34	<0.16	0.93	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.098	0.80	0.098	
64-17-5	Ethanol	**11**	20	1.4	**5.9**	11	0.77	**J, B**
75-05-8	Acetonitrile	**0.59**	2.1	0.51	**0.35**	1.2	0.30	**J**
107-02-8	Acrolein	**1.1**	3.9	0.59	**0.50**	1.7	0.26	**J**
67-64-1	Acetone	**6.5**	21	4.7	**2.7**	8.7	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**78**	2.1	0.32	**14**	0.37	0.056	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.86	8.2	0.86	<0.35	3.3	0.35	
107-13-1	Acrylonitrile	<0.43	2.1	0.43	<0.20	0.95	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.073	0.53	0.073	
75-09-2	Methylene Chloride	<0.59	2.1	0.59	<0.17	0.60	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.090	0.67	0.090	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**260**	2.1	0.30	**34**	0.27	0.039	
75-15-0	Carbon Disulfide	**0.75**	4.3	0.62	**0.24**	1.4	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.073	0.53	0.073	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.075	0.53	0.075	
1634-04-4	Methyl tert-Butyl Ether	**0.41**	2.1	0.25	**0.11**	0.58	0.068	**J**
108-05-4	Vinyl Acetate	<4.7	21	4.7	<1.3	6.0	1.3	
78-93-3	2-Butanone (MEK)	**1.2**	4.3	0.43	**0.40**	1.5	0.15	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-7-22** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-007

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/23/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00889

Initial Pressure (psig): -1.33 Final Pressure (psig): 6.15

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.52	0.074	
141-78-6	Ethyl Acetate	<1.1	4.3	1.1	<0.30	1.2	0.30	
110-54-3	n-Hexane	<0.43	2.1	0.43	<0.12	0.60	0.12	
67-66-3	Chloroform	**0.35**	2.1	0.28	**0.071**	0.43	0.057	**J**
109-99-9	Tetrahydrofuran (THF)	<0.26	2.1	0.26	<0.089	0.73	0.089	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.057	0.52	0.057	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.047	0.39	0.047	
71-43-2	Benzene	**0.48**	2.1	0.30	**0.15**	0.65	0.094	**J**
56-23-5	Carbon Tetrachloride	<0.29	2.1	0.29	<0.046	0.33	0.046	
110-82-7	Cyclohexane	<0.59	4.3	0.59	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.056	0.46	0.056	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.31	0.045	
79-01-6	Trichloroethene	<0.28	2.1	0.28	<0.052	0.39	0.052	
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.068	0.58	0.068	
80-62-6	Methyl Methacrylate	<0.74	4.3	0.74	<0.18	1.0	0.18	
142-82-5	n-Heptane	<0.33	2.1	0.33	<0.081	0.51	0.081	
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.071	0.45	0.071	
108-10-1	4-Methyl-2-pentanone	<0.28	2.1	0.28	<0.069	0.50	0.069	
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.095	0.46	0.095	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**2.7**	2.1	0.25	**0.72**	0.56	0.067	
591-78-6	2-Hexanone	**0.28**	2.1	0.26	**0.070**	0.51	0.063	**J**
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**0.39**	2.1	0.28	**0.081**	0.45	0.060	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-7-22** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-007

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/23/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00889

Initial Pressure (psig): -1.33 Final Pressure (psig): 6.15

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.47	2.1	0.47	<0.10	0.45	0.10	
127-18-4	Tetrachloroethene	<0.27	2.0	0.27	<0.040	0.30	0.040	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.060	0.46	0.060	
100-41-4	Ethylbenzene	**0.61**	2.1	0.29	**0.14**	0.49	0.067	**J**
179601-23-1	m,p-Xylenes	**1.9**	4.3	0.55	**0.44**	0.99	0.13	**J**
75-25-2	Bromoform	<0.43	2.1	0.43	<0.042	0.20	0.042	
100-42-5	Styrene	**0.34**	2.1	0.34	**0.080**	0.49	0.079	**J**
95-47-6	o-Xylene	**0.76**	2.1	0.30	**0.18**	0.49	0.069	**J**
111-84-2	n-Nonane	<0.35	2.1	0.35	<0.066	0.40	0.066	
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.042	0.31	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.061	0.43	0.061	
80-56-8	alpha-Pinene	**0.32**	2.1	0.32	**0.057**	0.38	0.057	**J**
103-65-1	n-Propylbenzene	<0.30	2.1	0.30	<0.061	0.43	0.061	
622-96-8	4-Ethyltoluene	**0.35**	2.1	0.33	**0.071**	0.43	0.067	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.46**	2.1	0.30	**0.094**	0.42	0.061	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.6**	2.1	0.29	**0.32**	0.43	0.059	**J**
100-44-7	Benzyl Chloride	<0.47	4.3	0.47	<0.090	0.83	0.090	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
5989-27-5	d-Limonene	<0.43	2.1	0.43	<0.077	0.38	0.077	
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.1	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.51	2.1	0.51	<0.068	0.28	0.068	
91-20-3	Naphthalene	<0.51	2.0	0.51	<0.097	0.39	0.097	
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200522-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	**0.49**	5.2	0.37	**0.26**	2.8	0.20	**J**
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200522-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200522-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client:	**Dr. Katz Technologies & Enterprises (KTE)**		
Client Sample ID:	**Method Blank**	ALS Project ID:	P2002642
Client Project ID:	**Sde Dov / KTE-40-20-Simi**	ALS Sample ID:	P200522-MB

Tentatively Identified Compounds

Test Code:	EPA TO-15	Date Collected:	NA
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	NA
Analyst:	Lusine Hakobyan	Date Analyzed:	5/22/20
Sample Type:	1.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

GC/MS Retention Time	**Compound Identification**	**Concentration µg/m³**	**Data Qualifier**
	No Compounds Detected		

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200527-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	**0.42**	5.2	0.37	**0.22**	2.8	0.20	**J**
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200527-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200527-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200528-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	**0.38**	5.2	0.37	**0.20**	2.8	0.20	**J**
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200528-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200528-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Project ID: P2002642

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 5/12/20
Analyst: Lusine Hakobyan Date(s) Received: 5/14/20
Sample Type: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/22 - 5/28/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200522-MB	**97**	**99**	**103**	70-130	
Method Blank	P200527-MB	**93**	**98**	**107**	70-130	
Method Blank	P200528-MB	**95**	**98**	**105**	70-130	
Lab Control Sample	P200522-LCS	**95**	**98**	**103**	70-130	
Lab Control Sample	P200527-LCS	**94**	**97**	**109**	70-130	
Lab Control Sample	P200528-LCS	**95**	**97**	**107**	70-130	
SG-5-19	P2002642-001	**96**	**96**	**103**	70-130	
SG-5-19	P2002642-001DUP	**96**	**96**	**103**	70-130	
SG-5-4	P2002642-002	**97**	**98**	**102**	70-130	
SG-5-13	P2002642-003	**95**	**97**	**105**	70-130	
SG-6-1	P2002642-004	**97**	**99**	**105**	70-130	
SG-5-9	P2002642-005	**97**	**98**	**104**	70-130	
SG-7-27	P2002642-006	**97**	**97**	**105**	70-130	
SG-7-22	P2002642-007	**97**	**98**	**105**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200522-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**210**	**100**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**184**	**88**	64-115	
74-87-3	Chloromethane	212	**178**	**84**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**161**	**78**	65-114	
75-01-4	Vinyl Chloride	212	**171**	**81**	61-129	
106-99-0	1,3-Butadiene	212	**175**	**83**	54-140	
74-83-9	Bromomethane	212	**180**	**85**	68-120	
75-00-3	Chloroethane	214	**188**	**88**	63-123	
64-17-5	Ethanol	1,060	**904**	**85**	49-134	
75-05-8	Acetonitrile	214	**194**	**91**	50-137	
107-02-8	Acrolein	206	**192**	**93**	62-128	
67-64-1	Acetone	1,070	**942**	**88**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**185**	**87**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**393**	**93**	57-133	
107-13-1	Acrylonitrile	212	**204**	**96**	64-136	
75-35-4	1,1-Dichloroethene	214	**197**	**92**	67-115	
75-09-2	Methylene Chloride	210	**189**	**90**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**205**	**96**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**198**	**92**	65-115	
75-15-0	Carbon Disulfide	212	**194**	**92**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**197**	**92**	65-122	
75-34-3	1,1-Dichloroethane	212	**193**	**91**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**186**	**87**	57-131	
108-05-4	Vinyl Acetate	1,070	**935**	**87**	71-128	
78-93-3	2-Butanone (MEK)	212	**200**	**94**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200522-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**196**	**92**	64-120	
141-78-6	Ethyl Acetate	432	**404**	**94**	64-131	
110-54-3	n-Hexane	216	**198**	**92**	58-125	
67-66-3	Chloroform	214	**193**	**90**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**199**	**90**	65-115	
107-06-2	1,2-Dichloroethane	214	**187**	**87**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**198**	**93**	66-115	
71-43-2	Benzene	210	**181**	**86**	66-109	
56-23-5	Carbon Tetrachloride	208	**193**	**93**	66-119	
110-82-7	Cyclohexane	422	**376**	**89**	67-117	
78-87-5	1,2-Dichloropropane	214	**206**	**96**	66-119	
75-27-4	Bromodichloromethane	218	**197**	**90**	71-119	
79-01-6	Trichloroethene	216	**189**	**88**	70-114	
123-91-1	1,4-Dioxane	216	**191**	**88**	71-117	
80-62-6	Methyl Methacrylate	430	**391**	**91**	76-121	
142-82-5	n-Heptane	214	**192**	**90**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**207**	**97**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**199**	**94**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**214**	**101**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**199**	**93**	70-117	
108-88-3	Toluene	212	**190**	**90**	67-113	
591-78-6	2-Hexanone	216	**213**	**99**	62-135	
124-48-1	Dibromochloromethane	214	**210**	**98**	73-126	
106-93-4	1,2-Dibromoethane	214	**207**	**97**	71-122	
123-86-4	n-Butyl Acetate	218	**221**	**101**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200522-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**199**	**92**	63-120	
127-18-4	Tetrachloroethene	208	**192**	**92**	64-120	
108-90-7	Chlorobenzene	214	**186**	**87**	65-116	
100-41-4	Ethylbenzene	212	**200**	**94**	65-117	
179601-23-1	m,p-Xylenes	426	**410**	**96**	64-121	
75-25-2	Bromoform	214	**205**	**96**	72-130	
100-42-5	Styrene	212	**208**	**98**	72-126	
95-47-6	o-Xylene	214	**195**	**91**	64-120	
111-84-2	n-Nonane	214	**208**	**97**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**203**	**95**	66-122	
98-82-8	Cumene	214	**200**	**93**	64-121	
80-56-8	alpha-Pinene	212	**196**	**92**	62-136	
103-65-1	n-Propylbenzene	214	**207**	**97**	65-123	
622-96-8	4-Ethyltoluene	210	**203**	**97**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**204**	**96**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**220**	**104**	63-129	
100-44-7	Benzyl Chloride	214	**205**	**96**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**211**	**99**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**216**	**101**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**217**	**101**	67-128	
5989-27-5	d-Limonene	212	**205**	**97**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**214**	**100**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**237**	**110**	62-140	
91-20-3	Naphthalene	212	**249**	**117**	57-149	
87-68-3	Hexachlorobutadiene	214	**209**	**98**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200527-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**202**	**96**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**185**	**88**	64-115	
74-87-3	Chloromethane	212	**176**	**83**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**169**	**82**	65-114	
75-01-4	Vinyl Chloride	212	**174**	**82**	61-129	
106-99-0	1,3-Butadiene	212	**178**	**84**	54-140	
74-83-9	Bromomethane	212	**177**	**83**	68-120	
75-00-3	Chloroethane	214	**181**	**85**	63-123	
64-17-5	Ethanol	1,060	**901**	**85**	49-134	
75-05-8	Acetonitrile	214	**178**	**83**	50-137	
107-02-8	Acrolein	206	**177**	**86**	62-128	
67-64-1	Acetone	1,070	**954**	**89**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**183**	**86**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**376**	**89**	57-133	
107-13-1	Acrylonitrile	212	**186**	**88**	64-136	
75-35-4	1,1-Dichloroethene	214	**191**	**89**	67-115	
75-09-2	Methylene Chloride	210	**180**	**86**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**190**	**89**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**196**	**91**	65-115	
75-15-0	Carbon Disulfide	212	**185**	**87**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**186**	**87**	65-122	
75-34-3	1,1-Dichloroethane	212	**182**	**86**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**180**	**84**	57-131	
108-05-4	Vinyl Acetate	1,070	**948**	**89**	71-128	
78-93-3	2-Butanone (MEK)	212	**190**	**90**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200527-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**183**	**86**	64-120	
141-78-6	Ethyl Acetate	432	**411**	**95**	64-131	
110-54-3	n-Hexane	216	**199**	**92**	58-125	
67-66-3	Chloroform	214	**188**	**88**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**187**	**85**	65-115	
107-06-2	1,2-Dichloroethane	214	**181**	**85**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**194**	**91**	66-115	
71-43-2	Benzene	210	**189**	**90**	66-109	
56-23-5	Carbon Tetrachloride	208	**191**	**92**	66-119	
110-82-7	Cyclohexane	422	**393**	**93**	67-117	
78-87-5	1,2-Dichloropropane	214	**198**	**93**	66-119	
75-27-4	Bromodichloromethane	218	**198**	**91**	71-119	
79-01-6	Trichloroethene	216	**196**	**91**	70-114	
123-91-1	1,4-Dioxane	216	**197**	**91**	71-117	
80-62-6	Methyl Methacrylate	430	**413**	**96**	76-121	
142-82-5	n-Heptane	214	**195**	**91**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**207**	**97**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**202**	**95**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**211**	**100**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**201**	**94**	70-117	
108-88-3	Toluene	212	**195**	**92**	67-113	
591-78-6	2-Hexanone	216	**205**	**95**	62-135	
124-48-1	Dibromochloromethane	214	**207**	**97**	73-126	
106-93-4	1,2-Dibromoethane	214	**203**	**95**	71-122	
123-86-4	n-Butyl Acetate	218	**211**	**97**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200527-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/27/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**203**	**94**	63-120	
127-18-4	Tetrachloroethene	208	**198**	**95**	64-120	
108-90-7	Chlorobenzene	214	**189**	**88**	65-116	
100-41-4	Ethylbenzene	212	**204**	**96**	65-117	
179601-23-1	m,p-Xylenes	426	**403**	**95**	64-121	
75-25-2	Bromoform	214	**211**	**99**	72-130	
100-42-5	Styrene	212	**216**	**102**	72-126	
95-47-6	o-Xylene	214	**200**	**93**	64-120	
111-84-2	n-Nonane	214	**208**	**97**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**211**	**99**	66-122	
98-82-8	Cumene	214	**206**	**96**	64-121	
80-56-8	alpha-Pinene	212	**200**	**94**	62-136	
103-65-1	n-Propylbenzene	214	**214**	**100**	65-123	
622-96-8	4-Ethyltoluene	210	**207**	**99**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**210**	**99**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**225**	**106**	63-129	
100-44-7	Benzyl Chloride	214	**208**	**97**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**219**	**102**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**228**	**107**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**223**	**104**	67-128	
5989-27-5	d-Limonene	212	**200**	**94**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**220**	**103**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**245**	**113**	62-140	
91-20-3	Naphthalene	212	**257**	**121**	57-149	
87-68-3	Hexachlorobutadiene	214	**217**	**101**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200528-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**203**	**97**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**188**	**90**	64-115	
74-87-3	Chloromethane	212	**181**	**85**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**170**	**83**	65-114	
75-01-4	Vinyl Chloride	212	**179**	**84**	61-129	
106-99-0	1,3-Butadiene	212	**181**	**85**	54-140	
74-83-9	Bromomethane	212	**180**	**85**	68-120	
75-00-3	Chloroethane	214	**184**	**86**	63-123	
64-17-5	Ethanol	1,060	**920**	**87**	49-134	
75-05-8	Acetonitrile	214	**184**	**86**	50-137	
107-02-8	Acrolein	206	**179**	**87**	62-128	
67-64-1	Acetone	1,070	**976**	**91**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**184**	**87**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**388**	**92**	57-133	
107-13-1	Acrylonitrile	212	**189**	**89**	64-136	
75-35-4	1,1-Dichloroethene	214	**192**	**90**	67-115	
75-09-2	Methylene Chloride	210	**181**	**86**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**192**	**90**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**195**	**90**	65-115	
75-15-0	Carbon Disulfide	212	**187**	**88**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**188**	**88**	65-122	
75-34-3	1,1-Dichloroethane	212	**185**	**87**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**177**	**83**	57-131	
108-05-4	Vinyl Acetate	1,070	**952**	**89**	71-128	
78-93-3	2-Butanone (MEK)	212	**189**	**89**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200528-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**186**	**88**	64-120	
141-78-6	Ethyl Acetate	432	**422**	**98**	64-131	
110-54-3	n-Hexane	216	**203**	**94**	58-125	
67-66-3	Chloroform	214	**189**	**88**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**188**	**85**	65-115	
107-06-2	1,2-Dichloroethane	214	**182**	**85**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**197**	**92**	66-115	
71-43-2	Benzene	210	**190**	**90**	66-109	
56-23-5	Carbon Tetrachloride	208	**193**	**93**	66-119	
110-82-7	Cyclohexane	422	**402**	**95**	67-117	
78-87-5	1,2-Dichloropropane	214	**199**	**93**	66-119	
75-27-4	Bromodichloromethane	218	**201**	**92**	71-119	
79-01-6	Trichloroethene	216	**197**	**91**	70-114	
123-91-1	1,4-Dioxane	216	**199**	**92**	71-117	
80-62-6	Methyl Methacrylate	430	**414**	**96**	76-121	
142-82-5	n-Heptane	214	**197**	**92**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**210**	**98**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**205**	**97**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**212**	**100**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**201**	**94**	70-117	
108-88-3	Toluene	212	**196**	**92**	67-113	
591-78-6	2-Hexanone	216	**209**	**97**	62-135	
124-48-1	Dibromochloromethane	214	**207**	**97**	73-126	
106-93-4	1,2-Dibromoethane	214	**202**	**94**	71-122	
123-86-4	n-Butyl Acetate	218	**215**	**99**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P200528-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**205**	**95**	63-120	
127-18-4	Tetrachloroethene	208	**197**	**95**	64-120	
108-90-7	Chlorobenzene	214	**191**	**89**	65-116	
100-41-4	Ethylbenzene	212	**206**	**97**	65-117	
179601-23-1	m,p-Xylenes	426	**421**	**99**	64-121	
75-25-2	Bromoform	214	**209**	**98**	72-130	
100-42-5	Styrene	212	**217**	**102**	72-126	
95-47-6	o-Xylene	214	**203**	**95**	64-120	
111-84-2	n-Nonane	214	**213**	**100**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**213**	**100**	66-122	
98-82-8	Cumene	214	**208**	**97**	64-121	
80-56-8	alpha-Pinene	212	**202**	**95**	62-136	
103-65-1	n-Propylbenzene	214	**216**	**101**	65-123	
622-96-8	4-Ethyltoluene	210	**213**	**101**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**212**	**100**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**228**	**108**	63-129	
100-44-7	Benzyl Chloride	214	**214**	**100**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**221**	**103**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**230**	**107**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**225**	**105**	67-128	
5989-27-5	d-Limonene	212	**204**	**96**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**218**	**102**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**244**	**113**	62-140	
91-20-3	Naphthalene	212	**260**	**123**	57-149	
87-68-3	Hexachlorobutadiene	214	**217**	**101**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-19** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-001DUP

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.115 Liter(s)
Test Notes: 0.035 Liter(s)
Container ID: 1SC00426

Initial Pressure (psig): -1.42 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.53

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	5.64	3.28	6.23	3.62	5.935	**10**	25	**J**
Dichlorodifluoromethane (CFC 12)	2.13	0.431	2.26	0.458	2.195	**6**	25	**J**
Chloromethane	2.25	1.09	2.46	1.19	2.355	**9**	25	**J**
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.1	<0.16	<1.1	<0.16	-	-	25	
Vinyl Chloride	<0.76	<0.30	<0.76	<0.30	-	-	25	
1,3-Butadiene	<1.2	<0.53	<1.2	<0.53	-	-	25	
Bromomethane	<0.98	<0.25	<0.98	<0.25	-	-	25	
Chloroethane	2.74	1.04	2.59	0.984	2.665	**6**	25	**J**
Ethanol	847	450	842	447	844.5	**0.6**	25	**B**
Acetonitrile	<1.7	<1.0	<1.7	<1.0	-	-	25	**J**
Acrolein	3.41	1.49	3.63	1.58	3.52	**6**	25	**J**
Acetone	75.1	31.6	77.4	32.6	76.25	**3**	25	
Trichlorofluoromethane	889	158	852	152	870.5	**4**	25	
2-Propanol (Isopropyl Alcohol)	<2.9	<1.2	<2.9	<1.2	-	-	25	
Acrylonitrile	<1.5	<0.67	<1.5	<0.67	-	-	25	
1,1-Dichloroethene	<0.98	<0.25	<0.98	<0.25	-	-	25	**J**
Methylene Chloride	<2.0	<0.57	<2.0	<0.57	-	-	25	**J**
3-Chloro-1-propene (Allyl Chloride)	<0.96	<0.31	<0.96	<0.31	-	-	25	
Trichlorotrifluoroethane	3.92	0.512	3.98	0.519	3.95	**2**	25	**J**
Carbon Disulfide	5.16	1.66	5.20	1.67	5.18	**0.8**	25	**J**
trans-1,2-Dichloroethene	<0.98	<0.25	<0.98	<0.25	-	-	25	
1,1-Dichloroethane	<1.0	<0.26	<1.0	<0.26	-	-	25	
Methyl tert-Butyl Ether	<0.84	<0.23	<0.84	<0.23	-	-	25	
Vinyl Acetate	<16	<4.5	<16	<4.5	-	-	25	**J**
2-Butanone (MEK)	20.0	6.77	19.9	6.76	19.95	**0.5**	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-19** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-001DUP

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.115 Liter(s)
Test Notes: 0.035 Liter(s)
Container ID: 1SC00426

Initial Pressure (psig): -1.42 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.53

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
cis-1,2-Dichloroethene	<1.0	<0.25	<1.0	<0.25	-	-	25	
Ethyl Acetate	8.05	2.23	8.02	2.23	8.035	**0.4**	25	**J**
n-Hexane	<1.5	<0.42	<1.5	<0.42	-	-	25	
Chloroform	5.59	1.14	5.53	1.13	5.56	**1**	25	**J**
Tetrahydrofuran (THF)	2.35	0.799	2.31	0.785	2.33	**2**	25	**J**
1,2-Dichloroethane	<0.78	<0.19	<0.78	<0.19	-	-	25	
1,1,1-Trichloroethane	<0.88	<0.16	<0.88	<0.16	-	-	25	**J**
Benzene	3.51	1.10	3.53	1.10	3.52	**0.6**	25	**J**
Carbon Tetrachloride	<0.98	<0.16	<0.98	<0.16	-	-	25	
Cyclohexane	<2.0	<0.58	<2.0	<0.58	-	-	25	**J**
1,2-Dichloropropane	<0.88	<0.19	<0.88	<0.19	-	-	25	**J**
Bromodichloromethane	<1.0	<0.15	<1.0	<0.15	-	-	25	
Trichloroethene	<0.96	<0.18	0.958	0.178	-	-	25	**J**
1,4-Dioxane	<0.84	<0.23	<0.84	<0.23	-	-	25	
Methyl Methacrylate	<2.5	<0.62	<2.5	<0.62	-	-	25	**J**
n-Heptane	<1.1	<0.28	1.16	0.283	-	-	25	**J**
cis-1,3-Dichloropropene	<1.1	<0.24	<1.1	<0.24	-	-	25	
4-Methyl-2-pentanone	3.75	0.916	3.84	0.939	3.795	**2**	25	**J**
trans-1,3-Dichloropropene	<1.5	<0.32	<1.5	<0.32	-	-	25	
1,1,2-Trichloroethane	<0.72	<0.13	<0.72	<0.13	-	-	25	
Toluene	45.1	12.0	45.3	12.0	45.2	**0.4**	25	
2-Hexanone	21.2	5.18	21.6	5.28	21.4	**2**	25	
Dibromochloromethane	<0.93	<0.11	<0.93	<0.11	-	-	25	
1,2-Dibromoethane	<0.82	<0.11	<0.82	<0.11	-	-	25	
n-Butyl Acetate	1,050	221	1,020	214	1035	**3**	25	**D**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-5-19** ALS Project ID: P2002642
Client Project ID: **Sde Dov / KTE-40-20-Simi** ALS Sample ID: P2002642-001DUP

Test Code: EPA TO-15 Date Collected: 5/12/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 5/14/20
Analyst: Lusine Hakobyan Date Analyzed: 5/22/20 & 5/28/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.115 Liter(s)
Test Notes: 0.035 Liter(s)
Container ID: 1SC00426

Initial Pressure (psig): -1.42 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.53

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
n-Octane	1.77	0.379	1.92	0.410	1.845	**8**	25	**J**
Tetrachloroethene	<0.92	<0.14	<0.92	<0.14	-	-	25	
Chlorobenzene	<0.94	<0.21	<0.94	<0.21	-	-	25	
Ethylbenzene	3.09	0.711	3.15	0.726	3.12	**2**	25	**J**
m,p-Xylenes	10.1	2.32	10.1	2.32	10.1	**0**	25	**J**
Bromoform	<1.5	<0.14	<1.5	<0.14	-	-	25	
Styrene	6.35	1.49	6.48	1.52	6.415	**2**	25	**J**
o-Xylene	7.50	1.73	7.56	1.74	7.53	**0.8**	25	
n-Nonane	12.4	2.36	12.6	2.41	12.5	**2**	25	
1,1,2,2-Tetrachloroethane	<0.98	<0.14	<0.98	<0.14	-	-	25	
Cumene	12.2	2.49	12.4	2.53	12.3	**2**	25	
alpha-Pinene	19.1	3.42	19.1	3.43	19.1	**0**	25	
n-Propylbenzene	6.79	1.38	6.89	1.40	6.84	**1**	25	**J**
4-Ethyltoluene	10.2	2.08	10.1	2.05	10.15	**1**	25	
1,3,5-Trimethylbenzene	33.8	6.89	33.5	6.81	33.65	**0.9**	25	
1,2,4-Trimethylbenzene	77.6	15.8	75.7	15.4	76.65	**2**	25	
Benzyl Chloride	3.78	0.730	3.99	0.771	3.885	**5**	25	**J**
1,3-Dichlorobenzene	<1.1	<0.18	<1.1	<0.18	-	-	25	
1,4-Dichlorobenzene	<1.1	<0.18	<1.1	<0.18	-	-	25	
1,2-Dichlorobenzene	<1.1	<0.17	<1.1	<0.17	-	-	25	
d-Limonene	16.0	2.88	15.9	2.85	15.95	**0.6**	25	
1,2-Dibromo-3-chloropropane	<1.3	<0.14	<1.3	<0.14	-	-	25	
1,2,4-Trichlorobenzene	<1.7	<0.23	<1.7	<0.23	-	-	25	
Naphthalene	2.55	0.487	2.17	0.414	2.36	**16**	25	**J**
Hexachlorobutadiene	<1.5	<0.14	<1.5	<0.14	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Response Factor Report GCMS-16

Method Path : I:\MS16\METHODS\
Method File : R16050120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Fri May 01 18:22:00 2020
Response Via : Initial Calibration

L.M 5/1/20

Calibration Files
0.1 =05012018.D 0.2 =05012019.D 0.5 =05012020.D 1.0 =05012021.D 5.0 =05012022.D 25 =05012
100 =03112009.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	1.611	1.539	1.503	1.380	1.499	1.474	1.430	1.147	1.448	9.66
3)	T	Dichlorodifluo...	3.202	3.003	3.068	2.842	3.010	2.737	2.537	2.254	2.832	11.03
4)	T	Chloromethane	2.604	2.435	2.388	2.238	2.356	2.193	2.172	1.361	2.218	16.88
5)	T	1,2-Dichloro-1...	1.897	1.683	1.822	1.625	1.745	1.600	1.555	1.607	1.692	7.08
6)	T	Vinyl Chloride	2.717	2.540	2.556	2.389	2.585	2.348	2.256	2.069	2.433	8.56
7)	T	1,3-Butadiene	2.247	2.061	2.143	1.977	2.145	1.964	1.905	1.660	2.013	9.02
8)	T	Bromomethane	1.419	1.343	1.315	1.211	1.293	1.245	1.264	1.190	1.285	5.79
9)	T	Chloroethane	1.050	0.952	0.985	0.919	0.990	0.943	0.960	0.887	0.961	5.13
10)	T	Ethanol	1.410	1.184	1.009	0.940	1.092	1.112	1.151	1.046	1.118	12.66
11)	T	Acetonitrile	3.482	2.840	2.383	2.251	2.529	2.471	2.438	2.042	2.555	17.16
12)	T	Acrolein	1.059	0.868	0.880	0.829	0.918	0.879	0.863	0.770	0.883	9.44
13)	T	Acetone	1.252	1.110	1.062	0.988	1.109	1.131	1.179	1.113	1.118	6.92
14)	T	Trichlorofluor...	2.713	2.523	2.575	2.359	2.565	2.454	2.411	2.421	2.503	4.58
15)	T	2-Propanol (Is...	3.870	3.534	3.450	3.257	3.738	3.508	3.156	2.557	3.384	12.00
16)	T	Acrylonitrile	2.202	1.897	1.701	1.617	1.893	1.829	1.828	1.654	1.828	10.12
17)	T	1,1-Dichloroet...	1.408	1.288	1.314	1.236	1.342	1.312	1.299	1.297	1.312	3.73
18)	T	2-Methyl-2-Pro...	3.534	3.198	3.325	3.089	3.578	3.200	2.158		3.155	15.06
19)	T	Methylene Chlo...	1.693	1.502	1.403	1.354	1.469	1.431	1.419	1.356	1.453	7.53
20)	T	3-Chloro-1-pro...	2.223	1.929	1.964	1.905	2.142	2.028	2.036	1.746	1.997	7.37
21)	T	Trichlorotrifl...	1.264	1.065	1.154	1.097	1.218	1.201	1.208	1.246	1.182	5.97
22)	T	Carbon Disulfide	6.112	5.388	5.148	4.831	5.368	5.134	5.024	4.656	5.208	8.48
23)	T	trans-1,2-Dich...	2.284	2.004	1.981	1.860	2.050	1.980	1.964	1.858	1.998	6.70
24)	T	1,1-Dichloroet...	2.569	2.334	2.469	2.238	2.450	2.380	2.330	2.202	2.371	5.15
25)	T	Methyl tert-Bu...	4.195	3.994	4.129	3.762	3.968	3.534	3.241	3.018	3.730	11.49
26)	T	Vinyl Acetate			0.280	0.275	0.355	0.375	0.393	0.412	0.348	16.73
27)	T	2-Butanone (MEK)	1.010	0.938	0.937	0.883	1.007	0.953	0.956	0.944	0.953	4.27
28)	T	cis-1,2-Dichlo...	2.186	1.950	1.950	1.831	2.014	1.928	1.927	1.846	1.954	5.66
29)	T	Diisopropyl Ether	1.400	1.264	1.362	1.283	1.461	1.320	1.346	1.353	1.349	4.68
30)	T	Ethyl Acetate	0.528	0.515	0.507	0.480	0.567	0.596	0.638	0.567	0.550	9.48
31)	T	n-Hexane	2.506	2.242	2.328	2.176	2.400	2.485	2.588	2.351	2.385	5.82
32)	T	Chloroform	2.635	2.393	2.541	2.359	2.618	2.470	2.464	2.425	2.488	4.07
33)	S	1,2-Dichloroet...	1.759	1.788	1.757	1.756	1.704	1.635	1.616	1.538	1.694	5.22
34)	T	Tetrahydrofura...	1.068	0.962	0.909	0.857	0.954	0.901	0.903	0.885	0.930	7.02
35)	T	Ethyl tert-But...	1.603	1.564	1.583	1.487	1.688	1.661	1.680	1.772	1.630	5.43
36)	T	1,2-Dichloroet...	2.204	2.065	2.007	1.843	2.020	1.911	1.892	1.830	1.971	6.45
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.520	0.477	0.504	0.469	0.521	0.513	0.513	0.511	0.503	3.91
39)	T	Isopropyl Acetate	0.217	0.187	0.204	0.189	0.226	0.238	0.254	0.247	0.220	11.50
40)	T	1-Butanol	0.335	0.286	0.247	0.231	0.307	0.333	0.362	0.405	0.313	18.51
41)	T	Benzene	1.454	1.263	1.288	1.194	1.366	1.343	1.417	1.400	1.340	6.50
42)	T	Carbon Tetrach...	0.446	0.414	0.449	0.410	0.482	0.473	0.477	0.496	0.456	6.99
43)	T	Cyclohexane	0.491	0.450	0.481	0.443	0.512	0.523	0.544	0.553	0.500	8.14
44)	T	tert-Amyl Meth...	0.895	0.829	0.881	0.824	0.950	0.934	0.955	0.923	0.899	5.70
45)	T	1,2-Dichloropr...	0.322	0.296	0.311	0.288	0.327	0.317	0.320	0.303	0.310	4.42
46)	T	Bromodichlorom...	0.443	0.421	0.437	0.406	0.477	0.479	0.482	0.480	0.453	6.69
47)	T	Trichloroethene	0.348	0.318	0.331	0.303	0.355	0.355	0.366	0.396	0.346	8.37
48)	T	1,4-Dioxane	0.278	0.250	0.253	0.238	0.274	0.278	0.286	0.303	0.270	7.97
49)	T	2,2,4-Trimethy...	1.365	1.266	1.317	1.213	1.370	1.328	1.346	1.231	1.304	4.63
50)	T	Methyl Methacr...	0.126	0.113	0.118	0.116	0.138	0.143	0.149	0.161	0.133	13.21
51)	T	n-Heptane	0.325	0.297	0.306	0.286	0.318	0.310	0.324	0.342	0.313	5.60
52)	T	cis-1,3-Dichlo...	0.535	0.486	0.494	0.468	0.562	0.566	0.581	0.572	0.533	8.30
53)	T	4-Methyl-2-pen...	0.303	0.265	0.287	0.275	0.314	0.311	0.319	0.318	0.299	7.10
54)	T	trans-1,3-Dich...	0.418	0.389	0.410	0.399	0.496	0.508	0.521	0.506	0.456	12.35

55)	T	1,1,2-Trichlor...	0.300	0.292	0.301	0.279	0.324	0.321	0.324	0.323	0.308	5.60
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.112	2.125	2.110	2.107	2.097	2.123	2.090	2.186	2.119	1.40
58)	T	Toluene	3.003	2.567	2.666	2.473	2.815	2.802	2.780	2.744	2.731	5.97
59)	T	2-Hexanone	1.547	1.361	1.410	1.339	1.614	1.583	1.602	1.515	1.497	7.42
60)	T	Dibromochlorom...	0.735	0.677	0.704	0.667	0.834	0.868	0.864	0.909	0.782	12.37
61)	T	1,2-Dibromoethane	0.757	0.686	0.705	0.663	0.792	0.804	0.797	0.809	0.752	7.82
62)	T	n-Butyl Acetate	1.611	1.401	1.545	1.456	1.756	1.742	1.751	1.671	1.616	8.55
63)	T	n-Octane	0.572	0.504	0.542	0.504	0.578	0.591	0.613	0.620	0.565	7.95
64)	T	Tetrachloroethene	0.764	0.679	0.700	0.653	0.778	0.829	0.838	0.931	0.771	12.10
65)	T	Chlorobenzene	1.873	1.701	1.737	1.609	1.870	1.882	2.340	2.020	1.879	12.02
66)	T	Ethylbenzene	3.030	2.763	2.965	2.768	3.264	3.313	3.301	2.958	3.045	7.41
67)	T	m- & p-Xylenes	2.416	2.101	2.285	2.203	2.562	2.656	2.741	2.363	2.416	9.24
68)	T	Bromoform			0.523	0.502	0.708	0.751	0.755	0.828	0.678	19.74
69)	T	Styrene	1.554	1.405	1.689	1.594	2.029	2.068	2.060	2.138	1.817	15.77
70)	T	o-Xylene	2.442	2.173	2.312	2.170	2.597	2.662	2.680	2.586	2.453	8.61
71)	T	n-Nonane	1.287	1.140	1.243	1.181	1.387	1.412	1.455	1.306	1.301	8.60
72)	T	1,1,2,2-Tetrac...	1.206	1.074	1.114	1.057	1.298	1.323	1.337	1.325	1.217	9.86
73)	S	Bromofluoroben...	0.715	0.714	0.725	0.724	0.787	0.802	0.783	0.849	0.762	6.56
74)	T	Cumene	3.035	2.729	2.906	2.711	3.284	3.320	3.265	2.830	3.010	8.41
75)	T	alpha-Pinene	1.511	1.362	1.446	1.393	1.701	1.785	1.795	1.856	1.606	12.43
76)	T	n-Propylbenzene	3.631	3.223	3.513	3.346	3.994	4.033	3.904	2.964	3.576	10.84
77)	T	3-Ethyltoluene	2.929	2.407	2.714	2.579	3.163	3.387	3.232	2.897	2.913	11.58
78)	T	4-Ethyltoluene	2.513	2.455	2.758	2.630	3.275	3.167	3.181	2.637	2.827	11.64
79)	T	1,3,5-Trimethy...	2.364	2.022	2.272	2.212	2.706	2.770	2.730	2.561	2.455	11.29
80)	T	alpha-Methylst...			1.138	1.116	1.443	1.485	1.469	1.649	1.384	15.29
81)	T	2-Ethyltoluene	2.821	2.480	2.756	2.582	3.185	3.223	3.148	2.796	2.874	9.82
82)	T	1,2,4-Trimethy...	2.215	1.944	2.255	2.185	2.813	3.050	2.878	2.397	2.467	16.03
83)	T	n-Decane			1.125	1.102	1.410	1.517	1.611	1.515	1.380	15.65
84)	T	Benzyl Chloride				1.519	2.279	2.600	2.687	2.413	2.300	20.21
85)	T	1,3-Dichlorobe...	1.252	1.034	1.264	1.221	1.626	1.660	1.639	1.766	1.433	18.79
86)	T	1,4-Dichlorobe...	1.206	1.004	1.283	1.196	1.601	1.620	1.581	1.693	1.398	18.29
87)	T	sec-Butylbenzene	3.179	2.829	3.093	2.947	3.632	3.636	3.486	2.818	3.203	10.67
88)	T	4-Isopropyltol...			2.761	2.656	3.414	3.547	3.227	2.590	3.033	13.68
89)	T	1,2,3-Trimethy...			2.234	2.175	2.830	3.061	2.870	2.323	2.582	14.77
90)	T	1,2-Dichlorobe...	1.199	1.054	1.223	1.173	1.569	1.646	1.594	1.513	1.372	16.90
91)	T	d-Limonene	0.811	0.750	0.867	0.867	1.070	1.169	1.205	1.057	0.974	17.65
92)	T	1,2-Dibromo-3-...			0.388	0.391	0.568	0.581	0.581	0.595	0.517	19.22
93)	T	n-Undecane			0.906	0.866	1.357	1.474	1.565	1.496	1.277	24.32
94)	T	1,2,4-Trichlor...			0.655	0.635	1.013	1.144	1.183	1.078	0.951	25.70
95)	T	Naphthalene			2.173	2.044	3.472	3.864	3.717	2.796	3.011	26.24
96)	T	n-Dodecane			0.500	0.482	1.251	1.474	1.554	1.375	1.106	44.05
97)	T	Hexachlorobuta...			0.463	0.446	0.622	0.725	0.766	0.927	0.658	28.24
98)	T	Cyclohexanone	1.048	0.943	0.832	0.804	0.983	0.979	0.980	1.079	0.956	10.00
99)	T	tert-Butylbenzene	2.363	2.071	2.240	2.164	2.722	2.855	2.658	2.351	2.428	11.70
100)	T	n-Butylbenzene	2.187	1.921	2.417	2.334	2.916	2.966	2.883	2.471	2.512	15.09

(#) = Out of Range

R16050120.M Fri May 01 18:44:38 2020

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 05\22\05222002.D Vial: 2
Acq On : 22 May 2020 10:58 Operator: LH
Sample : CCV R16052220 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: May 22 11:56:37 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS) L.H 5/22/20
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	103	0.00
2	T	Propene	1.448	1.397	3.5	97	0.00
3	T	Dichlorodifluoromethane (CF	2.832	2.427	14.3	91	0.00
4	T	Chloromethane	2.218	1.815	18.2	85	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.692	1.277	24.5	82	0.00
6	T	Vinyl Chloride	2.433	1.914	21.3	84	0.00
7	T	1,3-Butadiene	2.013	1.659	17.6	87	0.00
8	T	Bromomethane	1.285	1.049	18.4	86	0.00
9	T	Chloroethane	0.961	0.828	13.8	90	0.00
10	T	Ethanol	1.118	0.960	14.1	89	-0.02
11	T	Acetonitrile	2.555	2.376	7.0	99	-0.01
12	T	Acrolein	0.883	0.835	5.4	98	0.00
13	T	Acetone	1.118	0.977	12.6	89	-0.01
14	T	Trichlorofluoromethane	2.503	2.154	13.9	90	0.00
15	T	2-Propanol (Isopropanol)	3.384	3.053	9.8	89	-0.01
16	T	Acrylonitrile	1.828	1.770	3.2	99	0.00
17	T	1,1-Dichloroethene	1.312	1.170	10.8	92	0.00
18	T	2-Methyl-2-Propanol (tert-B	3.155	2.427	23.1	78	-0.01
19	T	Methylene Chloride	1.453	1.244	14.4	89	0.00
20	T	3-Chloro-1-propene (Allyl C	1.997	1.870	6.4	95	0.00
21	T	Trichlorotrifluoroethane	1.182	1.045	11.6	89	0.00
22	T	Carbon Disulfide	5.208	4.508	13.4	90	0.00
23	T	trans-1,2-Dichloroethene	1.998	1.748	12.5	91	0.00
24	T	1,1-Dichloroethane	2.371	2.033	14.3	88	0.00
25	T	Methyl tert-Butyl Ether	3.730	3.082	17.4	89	0.00
26	T	Vinyl Acetate	0.348	0.304	12.6	83	0.00
27	T	2-Butanone (MEK)	0.953	0.859	9.9	92	0.00
28	T	cis-1,2-Dichloroethene	1.954	1.722	11.9	92	0.00
29	T	Diisopropyl Ether	1.349	1.072	20.5	83	0.00
30	T	Ethyl Acetate	0.550	0.510	7.3	88	0.00
31	T	n-Hexane	2.385	2.164	9.3	89	0.00
32	T	Chloroform	2.488	2.107	15.3	88	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.694	1.613	4.8	101	0.00
34	T	Tetrahydrofuran (THF)	0.930	0.795	14.5	91	0.00
35	T	Ethyl tert-Butyl Ether	1.630	1.423	12.7	88	0.00
36	T	1,2-Dichloroethane	1.971	1.640	16.8	88	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	99	0.00
38	T	1,1,1-Trichloroethane	0.503	0.460	8.5	89	0.00
39	T	Isopropyl Acetate	0.220	0.214	2.7	89	0.00
40	T	1-Butanol	0.313	0.319	-1.9	95	-0.01
41	T	Benzene	1.340	1.167	12.9	86	0.00
42	T	Carbon Tetrachloride	0.456	0.411	9.9	86	0.00
43	T	Cyclohexane	0.500	0.456	8.8	86	0.00
44	T	tert-Amyl Methyl Ether	0.899	0.834	7.2	89	0.00
45	T	1,2-Dichloropropane	0.310	0.287	7.4	90	0.00
46	T	Bromodichloromethane	0.453	0.409	9.7	85	0.00
47	T	Trichloroethene	0.346	0.310	10.4	87	0.00
48	T	1,4-Dioxane	0.270	0.240	11.1	86	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.304	1.194	8.4	89	0.00
50	T	Methyl Methacrylate	0.133	0.124	6.8	86	0.00
51	T	n-Heptane	0.313	0.283	9.6	90	0.00
52	T	cis-1,3-Dichloropropene	0.533	0.529	0.8	93	0.00
53	T	4-Methyl-2-pentanone	0.299	0.283	5.4	90	0.00
54	T	trans-1,3-Dichloropropene	0.456	0.454	0.4	89	0.00
55	T	1,1,2-Trichloroethane	0.308	0.282	8.4	87	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 05\22\05222002.D Vial: 2
Acq On : 22 May 2020 10:58 Operator: LH
Sample : CCV R16052220 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: May 22 11:56:37 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	99	0.00
57	S	Toluene-d8 (SS2)	2.119	2.082	1.7	97	0.00
58	T	Toluene	2.731	2.478	9.3	88	0.00
59	T	2-Hexanone	1.497	1.505	-0.5	94	0.00
60	T	Dibromochloromethane	0.782	0.760	2.8	87	0.00
61	T	1,2-Dibromoethane	0.752	0.716	4.8	88	0.00
62	T	n-Butyl Acetate	1.616	1.648	-2.0	94	0.00
63	T	n-Octane	0.565	0.540	4.4	91	0.00
64	T	Tetrachloroethene	0.771	0.723	6.2	86	0.00
65	T	Chlorobenzene	1.879	1.674	10.9	88	0.00
66	T	Ethylbenzene	3.045	2.925	3.9	88	0.00
67	T	m- & p-Xylenes	2.416	2.344	3.0	87	-0.01
68	T	Bromoform	0.678	0.661	2.5	87	0.00
69	T	Styrene	1.817	1.838	-1.2	88	0.00
70	T	o-Xylene	2.453	2.314	5.7	86	0.00
71	T	n-Nonane	1.301	1.317	-1.2	92	0.00
72	T	1,1,2,2-Tetrachloroethane	1.217	1.189	2.3	89	0.00
73	S	Bromofluorobenzene (SS3)	0.762	0.809	-6.2	100	0.00
74	T	Cumene	3.010	2.865	4.8	86	0.00
75	T	alpha-Pinene	1.606	1.509	6.0	84	0.00
76	T	n-Propylbenzene	3.576	3.554	0.6	87	0.00
77	T	3-Ethyltoluene	2.913	2.924	-0.4	86	0.00
78	T	4-Ethyltoluene	2.827	2.761	2.3	86	0.00
79	T	1,3,5-Trimethylbenzene	2.455	2.427	1.1	87	0.00
80	T	alpha-Methylstyrene	1.384	1.233	10.9	82	0.00
81	T	2-Ethyltoluene	2.874	2.833	1.4	87	0.00
82	T	1,2,4-Trimethylbenzene	2.467	2.617	-6.1	85	0.00
83	T	n-Decane	1.380	1.404	-1.7	92	0.00
84	T	Benzyl Chloride	2.300	2.285	0.7	87	-0.01
85	T	1,3-Dichlorobenzene	1.433	1.456	-1.6	87	0.00
86	T	1,4-Dichlorobenzene	1.398	1.455	-4.1	89	0.00
87	T	sec-Butylbenzene	3.203	3.199	0.1	87	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.033	2.986	1.5	83	0.00
89	T	1,2,3-Trimethylbenzene	2.582	2.512	2.7	81	0.00
90	T	1,2-Dichlorobenzene	1.372	1.427	-4.0	86	0.00
91	T	d-Limonene	0.974	0.962	1.2	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.517	0.534	-3.3	91	0.00
93	T	n-Undecane	1.277	1.414	-10.7	95	0.00
94	T	1,2,4-Trichlorobenzene	0.951	1.080	-13.6	94	0.00
95	T	Naphthalene	3.011	3.736	-24.1	96	-0.01
96	T	n-Dodecane	1.106	1.558	-40.9#	105	0.00
97	T	Hexachlorobutadiene	0.658	0.664	-0.9	91	0.00
98	T	Cyclohexanone	0.956	0.903	5.5	91	-0.01
99	T	tert-Butylbenzene	2.428	2.439	-0.5	85	0.00
100	T	n-Butylbenzene	2.512	2.673	-6.4	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 05\27\05272002.D Vial: 2
Acq On : 27 May 2020 1:16 Operator: SC
Sample : CCV R16052720 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: May 27 06:23:27 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

5/27/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	99	-0.01
2	T	Propene	1.448	1.544	-6.6	103	0.00
3	T	Dichlorodifluoromethane (CF	2.832	2.680	5.4	96	0.00
4	T	Chloromethane	2.218	2.121	4.4	95	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.692	1.507	10.9	93	-0.01
6	T	Vinyl Chloride	2.433	2.168	10.9	91	0.00
7	T	1,3-Butadiene	2.013	1.837	8.7	92	0.00
8	T	Bromomethane	1.285	1.221	5.0	97	0.00
9	T	Chloroethane	0.961	0.920	4.3	96	0.00
10	T	Ethanol	1.118	1.129	-1.0	100	-0.03
11	T	Acetonitrile	2.555	2.453	4.0	98	-0.02
12	T	Acrolein	0.883	0.868	1.7	97	-0.01
13	T	Acetone	1.118	1.106	1.1	96	-0.02
14	T	Trichlorofluoromethane	2.503	2.361	5.7	95	0.00
15	T	2-Propanol (Isopropanol)	3.384	3.568	-5.4	100	-0.02
16	T	Acrylonitrile	1.828	1.830	-0.1	99	-0.01
17	T	1,1-Dichloroethene	1.312	1.275	2.8	96	0.00
18	T	2-Methyl-2-Propanol (tert-B	3.155	3.160	-0.2	97	-0.02
19	T	Methylene Chloride	1.453	1.386	4.6	95	0.00
20	T	3-Chloro-1-propene (Allyl C	1.997	2.043	-2.3	99	-0.01
21	T	Trichlorotrifluoroethane	1.182	1.192	-0.8	98	0.00
22	T	Carbon Disulfide	5.208	5.039	3.2	97	0.00
23	T	trans-1,2-Dichloroethene	1.998	1.907	4.6	95	0.00
24	T	1,1-Dichloroethane	2.371	2.296	3.2	95	0.00
25	T	Methyl tert-Butyl Ether	3.730	3.432	8.0	96	0.00
26	T	Vinyl Acetate	0.348	0.362	-4.0	95	-0.01
27	T	2-Butanone (MEK)	0.953	0.962	-0.9	99	0.00
28	T	cis-1,2-Dichloroethene	1.954	1.886	3.5	96	0.00
29	T	Diisopropyl Ether	1.349	1.204	10.7	90	0.00
30	T	Ethyl Acetate	0.550	0.577	-4.9	95	0.00
31	T	n-Hexane	2.385	2.368	0.7	94	0.00
32	T	Chloroform	2.488	2.413	3.0	96	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.694	1.611	4.9	97	0.00
34	T	Tetrahydrofuran (THF)	0.930	0.889	4.4	97	0.00
35	T	Ethyl tert-Butyl Ether	1.630	1.627	0.2	96	0.00
36	T	1,2-Dichloroethane	1.971	1.840	6.6	95	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	98	0.00
38	T	1,1,1-Trichloroethane	0.503	0.494	1.8	94	0.00
39	T	Isopropyl Acetate	0.220	0.233	-5.9	96	0.00
40	T	1-Butanol	0.313	0.375	-19.8	110	-0.01
41	T	Benzene	1.340	1.330	0.7	97	0.00
42	T	Carbon Tetrachloride	0.456	0.457	-0.2	95	0.00
43	T	Cyclohexane	0.500	0.498	0.4	93	0.00
44	T	tert-Amyl Methyl Ether	0.899	0.931	-3.6	98	0.00
45	T	1,2-Dichloropropane	0.310	0.311	-0.3	96	0.00
46	T	Bromodichloromethane	0.453	0.461	-1.8	94	0.00
47	T	Trichloroethene	0.346	0.350	-1.2	97	0.00
48	T	1,4-Dioxane	0.270	0.274	-1.5	97	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.304	1.318	-1.1	97	0.00
50	T	Methyl Methacrylate	0.133	0.139	-4.5	95	-0.01
51	T	n-Heptane	0.313	0.307	1.9	97	0.00
52	T	cis-1,3-Dichloropropene	0.533	0.556	-4.3	96	0.00
53	T	4-Methyl-2-pentanone	0.299	0.322	-7.7	101	0.00
54	T	trans-1,3-Dichloropropene	0.456	0.497	-9.0	96	0.00
55	T	1,1,2-Trichloroethane	0.308	0.313	-1.6	96	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 05\27\05272002.D Vial: 2
Acq On : 27 May 2020 1:16 Operator: SC
Sample : CCV R16052720 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: May 27 06:23:27 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	101	0.00
57	S	Toluene-d8 (SS2)	2.119	2.041	3.7	97	0.00
58	T	Toluene	2.731	2.683	1.8	97	0.00
59	T	2-Hexanone	1.497	1.639	-9.5	105	0.00
60	T	Dibromochloromethane	0.782	0.822	-5.1	96	0.00
61	T	1,2-Dibromoethane	0.752	0.768	-2.1	96	0.00
62	T	n-Butyl Acetate	1.616	1.811	-12.1	105	0.00
63	T	n-Octane	0.565	0.569	-0.7	97	0.00
64	T	Tetrachloroethene	0.771	0.790	-2.5	96	0.00
65	T	Chlorobenzene	1.879	1.808	3.8	97	0.00
66	T	Ethylbenzene	3.045	3.141	-3.2	96	0.00
67	T	m- & p-Xylenes	2.416	2.495	-3.3	95	-0.01
68	T	Bromoform	0.678	0.729	-7.5	98	0.00
69	T	Styrene	1.817	1.975	-8.7	96	0.00
70	T	o-Xylene	2.453	2.457	-0.2	93	-0.01
71	T	n-Nonane	1.301	1.362	-4.7	97	0.00
72	T	1,1,2,2-Tetrachloroethane	1.217	1.267	-4.1	97	-0.01
73	S	Bromofluorobenzene (SS3)	0.762	0.830	-8.9	104	0.00
74	T	Cumene	3.010	3.094	-2.8	94	0.00
75	T	alpha-Pinene	1.606	1.654	-3.0	94	0.00
76	T	n-Propylbenzene	3.576	3.804	-6.4	95	0.00
77	T	3-Ethyltoluene	2.913	3.101	-6.5	92	0.00
78	T	4-Ethyltoluene	2.827	3.011	-6.5	96	0.00
79	T	1,3,5-Trimethylbenzene	2.455	2.579	-5.1	94	0.00
80	T	alpha-Methylstyrene	1.384	1.390	-0.4	94	0.00
81	T	2-Ethyltoluene	2.874	3.031	-5.5	95	0.00
82	T	1,2,4-Trimethylbenzene	2.467	2.801	-13.5	93	0.00
83	T	n-Decane	1.380	1.428	-3.5	95	0.00
84	T	Benzyl Chloride	2.300	2.424	-5.4	94	-0.01
85	T	1,3-Dichlorobenzene	1.433	1.550	-8.2	94	0.00
86	T	1,4-Dichlorobenzene	1.398	1.557	-11.4	97	0.00
87	T	sec-Butylbenzene	3.203	3.439	-7.4	96	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.033	3.281	-8.2	93	0.00
89	T	1,2,3-Trimethylbenzene	2.582	2.830	-9.6	93	0.00
90	T	1,2-Dichlorobenzene	1.372	1.532	-11.7	94	0.00
91	T	d-Limonene	0.974	1.072	-10.1	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.517	0.593	-14.7	103	0.00
93	T	n-Undecane	1.277	1.451	-13.6	99	0.00
94	T	1,2,4-Trichlorobenzene	0.951	1.155	-21.5	102	-0.01
95	T	Naphthalene	3.011	3.819	-26.8	100	-0.01
96	T	n-Dodecane	1.106	1.526	-38.0#	105	-0.01
97	T	Hexachlorobutadiene	0.658	0.723	-9.9	101	0.00
98	T	Cyclohexanone	0.956	1.117	-16.8	115	-0.01
99	T	tert-Butylbenzene	2.428	2.635	-8.5	93	0.00
100	T	n-Butylbenzene	2.512	2.839	-13.0	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 05\28\05282001.D Vial: 2
Acq On : 28 May 2020 00:56 Operator: LH
Sample : CCV R16052820 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: May 28 03:07:38 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

WJA 5/28/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	96	-0.01
2	T	Propene	1.448	1.502	-3.7	97	-0.01
3	T	Dichlorodifluoromethane (CF	2.832	2.690	5.0	94	-0.01
4	T	Chloromethane	2.218	2.144	3.3	93	-0.01
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.692	1.496	11.6	89	-0.01
6	T	Vinyl Chloride	2.433	2.205	9.4	90	-0.01
7	T	1,3-Butadiene	2.013	1.843	8.4	90	-0.01
8	T	Bromomethane	1.285	1.227	4.5	94	-0.01
9	T	Chloroethane	0.961	0.931	3.1	94	-0.01
10	T	Ethanol	1.118	1.144	-2.3	98	-0.03
11	T	Acetonitrile	2.555	2.480	2.9	96	-0.02
12	T	Acrolein	0.883	0.870	1.5	95	-0.01
13	T	Acetone	1.118	1.125	-0.6	95	-0.02
14	T	Trichlorofluoromethane	2.503	2.365	5.5	92	0.00
15	T	2-Propanol (Isopropanol)	3.384	3.680	-8.7	100	-0.02
16	T	Acrylonitrile	1.828	1.818	0.5	95	-0.01
17	T	1,1-Dichloroethene	1.312	1.281	2.4	93	0.00
18	T	2-Methyl-2-Propanol (tert-B	3.155	3.402	-7.8	102	-0.02
19	T	Methylene Chloride	1.453	1.379	5.1	92	-0.01
20	T	3-Chloro-1-propene (Allyl C	1.997	2.045	-2.4	96	-0.01
21	T	Trichlorotrifluoroethane	1.182	1.172	0.8	93	0.00
22	T	Carbon Disulfide	5.208	5.048	3.1	94	0.00
23	T	trans-1,2-Dichloroethene	1.998	1.904	4.7	92	0.00
24	T	1,1-Dichloroethane	2.371	2.285	3.6	92	0.00
25	T	Methyl tert-Butyl Ether	3.730	3.531	5.3	96	0.00
26	T	Vinyl Acetate	0.348	0.362	-4.0	92	-0.01
27	T	2-Butanone (MEK)	0.953	0.950	0.3	95	0.00
28	T	cis-1,2-Dichloroethene	1.954	1.875	4.0	93	0.00
29	T	Diisopropyl Ether	1.349	1.230	8.8	89	0.00
30	T	Ethyl Acetate	0.550	0.588	-6.9	94	0.00
31	T	n-Hexane	2.385	2.417	-1.3	93	0.00
32	T	Chloroform	2.488	2.404	3.4	93	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.694	1.610	5.0	94	0.00
34	T	Tetrahydrofuran (THF)	0.930	0.885	4.8	94	0.00
35	T	Ethyl tert-Butyl Ether	1.630	1.610	1.2	93	0.00
36	T	1,2-Dichloroethane	1.971	1.830	7.2	92	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	95	0.00
38	T	1,1,1-Trichloroethane	0.503	0.490	2.6	91	0.00
39	T	Isopropyl Acetate	0.220	0.236	-7.3	95	0.00
40	T	1-Butanol	0.313	0.381	-21.7	109	-0.01
41	T	Benzene	1.340	1.333	0.5	95	0.00
42	T	Carbon Tetrachloride	0.456	0.451	1.1	91	0.00
43	T	Cyclohexane	0.500	0.508	-1.6	93	0.00
44	T	tert-Amyl Methyl Ether	0.899	0.928	-3.2	95	0.00
45	T	1,2-Dichloropropane	0.310	0.311	-0.3	94	0.00
46	T	Bromodichloromethane	0.453	0.460	-1.5	92	0.00
47	T	Trichloroethene	0.346	0.347	-0.3	93	0.00
48	T	1,4-Dioxane	0.270	0.273	-1.1	93	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.304	1.315	-0.8	94	0.00
50	T	Methyl Methacrylate	0.133	0.141	-6.0	94	0.00
51	T	n-Heptane	0.313	0.306	2.2	94	0.00
52	T	cis-1,3-Dichloropropene	0.533	0.557	-4.5	94	0.00
53	T	4-Methyl-2-pentanone	0.299	0.320	-7.0	98	0.00
54	T	trans-1,3-Dichloropropene	0.456	0.498	-9.2	93	0.00
55	T	1,1,2-Trichloroethane	0.308	0.314	-1.9	93	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 05\28\05282001.D Vial: 2
Acq On : 28 May 2020 00:56 Operator: LH
Sample : CCV R16052820 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: May 28 03:07:38 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	99	0.00
57	S	Toluene-d8 (SS2)	2.119	2.023	4.5	94	0.00
58	T	Toluene	2.731	2.666	2.4	94	0.00
59	T	2-Hexanone	1.497	1.647	-10.0	103	0.00
60	T	Dibromochloromethane	0.782	0.814	-4.1	93	0.00
61	T	1,2-Dibromoethane	0.752	0.761	-1.2	94	0.00
62	T	n-Butyl Acetate	1.616	1.814	-12.3	103	0.00
63	T	n-Octane	0.565	0.571	-1.1	96	0.00
64	T	Tetrachloroethene	0.771	0.788	-2.2	94	0.00
65	T	Chlorobenzene	1.879	1.792	4.6	94	0.00
66	T	Ethylbenzene	3.045	3.168	-4.0	94	0.00
67	T	m- & p-Xylenes	2.416	2.475	-2.4	92	-0.01
68	T	Bromoform	0.678	0.709	-4.6	93	0.00
69	T	Styrene	1.817	1.978	-8.9	95	0.00
70	T	o-Xylene	2.453	2.487	-1.4	92	0.00
71	T	n-Nonane	1.301	1.383	-6.3	97	0.00
72	T	1,1,2,2-Tetrachloroethane	1.217	1.277	-4.9	95	0.00
73	S	Bromofluorobenzene (SS3)	0.762	0.811	-6.4	100	0.00
74	T	Cumene	3.010	3.106	-3.2	92	0.00
75	T	alpha-Pinene	1.606	1.659	-3.3	92	0.00
76	T	n-Propylbenzene	3.576	3.792	-6.0	93	0.00
77	T	3-Ethyltoluene	2.913	3.078	-5.7	90	0.00
78	T	4-Ethyltoluene	2.827	3.034	-7.3	95	0.00
79	T	1,3,5-Trimethylbenzene	2.455	2.588	-5.4	92	0.00
80	T	alpha-Methylstyrene	1.384	1.380	0.3	92	0.00
81	T	2-Ethyltoluene	2.874	3.036	-5.6	93	0.00
82	T	1,2,4-Trimethylbenzene	2.467	2.794	-13.3	91	0.00
83	T	n-Decane	1.380	1.422	-3.0	93	0.00
84	T	Benzyl Chloride	2.300	2.402	-4.4	91	-0.01
85	T	1,3-Dichlorobenzene	1.433	1.528	-6.6	91	0.00
86	T	1,4-Dichlorobenzene	1.398	1.543	-10.4	94	-0.01
87	T	sec-Butylbenzene	3.203	3.430	-7.1	93	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.033	3.274	-7.9	91	0.00
89	T	1,2,3-Trimethylbenzene	2.582	2.822	-9.3	91	0.00
90	T	1,2-Dichlorobenzene	1.372	1.530	-11.5	92	0.00
91	T	d-Limonene	0.974	1.077	-10.6	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.517	0.577	-11.6	98	0.00
93	T	n-Undecane	1.277	1.436	-12.5	96	0.00
94	T	1,2,4-Trichlorobenzene	0.951	1.121	-17.9	97	-0.01
95	T	Naphthalene	3.011	3.782	-25.6	97	-0.01
96	T	n-Dodecane	1.106	1.530	-38.3#	103	0.00
97	T	Hexachlorobutadiene	0.658	0.713	-8.4	97	0.00
98	T	Cyclohexanone	0.956	1.088	-13.8	110	-0.01
99	T	tert-Butylbenzene	2.428	2.628	-8.2	91	0.00
100	T	n-Butylbenzene	2.512	2.836	-12.9	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Simi Valley, CA 93065
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LABORATORY REPORT

August 27, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Sde Dov / KTE-26-20-Simi

Dear Eyal:

Your report P2002238 has been amended for the samples submitted to our laboratory on April 23, 2020. Per client request the sample ID reference for P2002238-01 has been changed to '15.31'. The change has been indicated by the "Revised Page" footer located at the bottom right corner of each affected page.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 9:05 am, Aug 27, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2002238
Project: Sde Dov / KTE-26-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on April 23, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criteria were exceeded for acrolein, butyl acetate, alpha-pinene and benzyl chloride in the Continuing Calibration Verification (CCV) analyzed on May 8, 2020. In addition the upper control criterion was exceeded also for acrolein in the Laboratory Control Sample. However, the reported sample results associated with the CCV and LCS in question were for dilutions of other compounds; therefore, the results were not affected. No corrective action was necessary.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS an result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS' name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413 19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2002238
Project ID: Sde Dov / KTE-26-20-Simi

Date Received: 4/23/2020
Time Received: 09:45

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SG-2.8	P2002238-001	Air	4/20/2020	10:15	1SC00126	-1.63	6.27	X
AB	P2002238-002	Air	4/20/2020	00:00	1SS00085	-0.24	5.12	X
SG-2.12	P2002238-003	Air	4/20/2020	12:00	1SC00803	-2.05	5.43	X
SG-2.13	P2002238-004	Air	4/20/2020	11:25	1SC00192	-0.15	5.46	X
SG-2.6	P2002238-005	Air	4/20/2020	11:40	1SC01379	-0.15	6.61	X
SG-2.19	P2002238-006	Air	4/20/2020	13:28	1SC00768	-2.77	6.10	X
SG-13.4	P2002238-007	Air	4/20/2020	13:30	1SC00317	-2.57	6.07	X
SG-13.14	P2002238-008	Air	4/20/2020	14:30	1SS00058	-1.58	5.87	X
SG-13.10	P2002238-009	Air	4/21/2020	10:00	1SS00935	-1.75	5.41	X
SG-15.31	P2002238-010	Air	4/21/2020	10:40	1SC00008	-1.77	6.53	X
SG-15.30	P2002238-011	Air	4/21/2020	11:10	1SS00988	-2.02	5.42	X
SG-15.21	P2002238-012	Air	4/21/2020	12:47	1SC01343	-1.34	5.63	X
SG-15.18	P2002238-013	Air	4/21/2020	12:58	1SC00131	-1.96	6.18	X
SG-15.36	P2002238-014	Air	4/21/2020	13:47	1SS00900	-2.01	5.47	X
SG-14.6	P2002238-015	Air	4/21/2020	14:25	1SS00507	-0.20	7.61	X
SG-6.10	P2002238-016	Air	4/21/2020	14:59	1SC00373	-0.03	8.08	X
SG-6.13	P2002238-017	Air	4/21/2020	15:35	1SS00896	-1.90	5.73	X
AB	P2002238-018	Air	4/21/2020	00:00	1SC00133	-0.64	6.05	X

Revised Page

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Page _____ of _____

Requested Turnaround Time in Business Days (Surcharges) please circle:
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No: R2002238

Company Name & Address (Reporting Information): RTC	Project Name: SOS DAY	ALS Contact:	
	Project Number: RTE-26-20 Simi	Analysis Method	
Project Manager	P.O. # / Billing Information		
Phone / Fax			
Email Address for Result Reporting	Sampler (Print & Sign)		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO-15		Comments e.g. Actual Preservative or specific instructions
SG-2.8	1	2/14/22	10:17	1520[illegible]	CA-[illegible]	-1.5	2	1L	✓		
AR	2	2/14/22		[illegible]	[illegible]			1L	✓		
SG-2.1L	3	2/14/22	12:[illegible]	[illegible]	[illegible]	-2.9	-4	1L	✓		
SG-2.13	4	2/14/22	11:[illegible]	[illegible]	[illegible]	-2.9	-3	1L	✓		
SG-2.6	5	2/14/22	11:[illegible]	[illegible]	[illegible]	-2.9	-3	1L	✓		
SG-2.11	6	2/14/22	12:29	[illegible]	[illegible]	-2.5	-4	1L	✓		
SG-2.4	7	2/14/22	12:[illegible]	[illegible]	[illegible]	-2.9	-4	1L			
SG-2.14	8	2/14/22	11:[illegible]	[illegible]	[illegible]	-2.7	-4	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) _____ Tier III (Results + QC & Calibration Summaries) X
Tier II (Results + QC Summaries) _____ Tier IV (Data Validation Package) 10% Surcharge _____

EDD required Yes / No
Type: _____ Units: _____

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4-28-22	Time: 0711

Cooler / Blank Temperature ____ °C

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle:
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No: R1002238

Company Name & Address (Reporting Information): KTE Co	Project Name: SDE NOV	ALS Contact:	
Project Manager	Project Number: [illegible]	Analysis Method	
Phone / Fax	P.O. # / Billing Information		Comments e.g. Actual Preservative or specific instructions
Email Address for Result Reporting	Sampler (Print & Sign): i		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume			
[illegible]	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
AB	IV	[illegible]		[illegible]	[illegible]			[illegible]	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ____ Units: ____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4/23/15	Time: 08:4

Cooler / Blank Temperature ____ °C

6 of 82

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2002238

Project: Sde Dov / KTE-26-20-Simi

Sample(s) received on: 4/23/20 Date opened: 4/23/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2002238-001.01	1.0 L Source Can					
P2002238-002.01	1.0 L Source Silonite Canister					
P2002238-003.01	1.0 L Source Can					
P2002238-004.01	1.0 L Source Can					
P2002238-005.01	1.0 L Source Can					
P2002238-006.01	1.0 L Source Can					
P2002238-007.01	1.0 L Source Can					
P2002238-008.01	1.0 L Source Silonite Canister					
P2002238-009.01	1.0 L Source Silonite Canister					
P2002238-010.01	1.0 L Source Can					
P2002238-011.01	1.0 L Source Silonite Canister					
P2002238-012.01	1.0 L Source Can					
P2002238-013.01	1.0 L Source Can					
P2002238-014.01	1.0 L Source Silonite Canister					
P2002238-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

Canister ID for sample -007 is 1SC00317 and listed 1SC00132 on the COC.

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2002238

Project: Sde Dov / KTE-26-20-Simi

Sample(s) received on: 4/23/20 Date opened: 4/23/20 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2002238-016.01	1.0 L Source Can					
P2002238-017.01	1.0 L Source Silonite Canister					
P2002238-018.01	1.0 L Source Can					

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.8** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-001

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00126

Initial Pressure (psig): -1.63 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.9**	2.1	0.52	**1.7**	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.1	0.35	**0.50**	0.43	0.070	
74-87-3	Chloromethane	**1.6**	2.1	0.34	**0.77**	1.0	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.089	0.85	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	**0.75**	2.2	0.30	**0.19**	0.56	0.076	**J**
75-00-3	Chloroethane	**0.32**	2.2	0.26	**0.12**	0.82	0.10	**J**
64-17-5	Ethanol	**130**	21	1.5	**72**	11	0.79	
75-05-8	Acetonitrile	**1.8**	2.1	0.52	**1.1**	1.3	0.31	**J**
107-02-8	Acrolein	**8.2**	4.0	0.60	**3.6**	1.7	0.26	
67-64-1	Acetone	**50**	21	4.8	**21**	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.6**	2.1	0.32	**0.29**	0.38	0.058	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.0**	8.4	0.88	**2.0**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	**0.79**	2.1	0.60	**0.23**	0.61	0.17	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.092	0.69	0.092	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.66**	2.2	0.30	**0.087**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**9.4**	4.4	0.64	**3.0**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.2	0.25	<0.070	0.60	0.070	
108-05-4	Vinyl Acetate	**24**	22	4.8	**6.9**	6.1	1.4	
78-93-3	2-Butanone (MEK)	**11**	4.4	0.44	**3.8**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.8** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-001

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00126

Initial Pressure (psig): -1.63 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.53	0.076	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.2	0.44	<0.12	0.61	0.12	
67-66-3	Chloroform	<0.28	2.2	0.28	<0.058	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	**0.64**	2.2	0.27	**0.22**	0.75	0.091	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.2	0.26	<0.048	0.40	0.048	
71-43-2	Benzene	**0.43**	2.1	0.31	**0.14**	0.66	0.096	**J**
56-23-5	Carbon Tetrachloride	<0.30	2.1	0.30	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.2	0.26	<0.057	0.47	0.057	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	**0.91**	2.2	0.29	**0.17**	0.40	0.054	**J**
123-91-1	1,4-Dioxane	**1.1**	2.2	0.25	**0.31**	0.60	0.070	**J**
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.19	1.1	0.19	
142-82-5	n-Heptane	**3.3**	2.2	0.34	**0.80**	0.53	0.083	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	**0.55**	2.1	0.29	**0.13**	0.52	0.071	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.097	0.47	0.097	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**15**	2.2	0.26	**4.1**	0.57	0.069	
591-78-6	2-Hexanone	**1.1**	2.2	0.26	**0.26**	0.53	0.064	**J**
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**1.1**	2.2	0.29	**0.22**	0.46	0.061	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.8** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-001

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00126

Initial Pressure (psig): -1.63 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.48	2.2	0.48	<0.10	0.46	0.10	
127-18-4	Tetrachloroethene	<0.28	2.1	0.28	<0.041	0.31	0.041	
108-90-7	Chlorobenzene	<0.28	2.2	0.28	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**1.8**	2.2	0.30	**0.42**	0.50	0.069	**J**
179601-23-1	m,p-Xylenes	**6.0**	4.4	0.56	**1.4**	1.0	0.13	
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**0.72**	2.1	0.34	**0.17**	0.50	0.081	**J**
95-47-6	o-Xylene	**1.6**	2.2	0.31	**0.36**	0.50	0.071	**J**
111-84-2	n-Nonane	**1.9**	2.2	0.36	**0.36**	0.41	0.068	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	<0.33	2.2	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	**0.59**	2.2	0.31	**0.12**	0.44	0.063	**J**
622-96-8	4-Ethyltoluene	**0.79**	2.2	0.34	**0.16**	0.44	0.069	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.79**	2.1	0.31	**0.16**	0.43	0.063	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.9**	2.2	0.30	**0.78**	0.44	0.060	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.85	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**1.3**	2.2	0.44	**0.23**	0.39	0.079	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	**0.73**	2.1	0.52	**0.14**	0.40	0.099	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-002

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00085

Initial Pressure (psig): -0.24 Final Pressure (psig): 5.12

Canister Dilution Factor: 1.37

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.4**	1.8	0.45	**0.84**	1.1	0.26	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	1.8	0.30	**0.49**	0.37	0.060	
74-87-3	Chloromethane	**0.70**	1.8	0.29	**0.34**	0.88	0.14	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.29	1.8	0.29	<0.041	0.26	0.041	
75-01-4	Vinyl Chloride	<0.20	1.8	0.20	<0.076	0.72	0.076	
106-99-0	1,3-Butadiene	<0.30	1.8	0.30	<0.14	0.82	0.14	
74-83-9	Bromomethane	<0.25	1.8	0.25	<0.065	0.48	0.065	
75-00-3	Chloroethane	<0.23	1.8	0.23	<0.086	0.70	0.086	
64-17-5	Ethanol	**250**	18	1.3	**130**	9.5	0.67	
75-05-8	Acetonitrile	**0.81**	1.8	0.45	**0.48**	1.1	0.27	**J**
107-02-8	Acrolein	**1.7**	3.4	0.51	**0.74**	1.5	0.22	**J**
67-64-1	Acetone	**33**	18	4.1	**14**	7.6	1.7	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.8**	1.8	0.28	**0.32**	0.32	0.049	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**37**	7.2	0.75	**15**	2.9	0.31	
107-13-1	Acrylonitrile	<0.38	1.8	0.38	<0.17	0.84	0.17	
75-35-4	1,1-Dichloroethene	<0.25	1.8	0.25	<0.064	0.47	0.064	
75-09-2	Methylene Chloride	**5.6**	1.8	0.51	**1.6**	0.52	0.15	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.25	1.8	0.25	<0.079	0.59	0.079	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.90**	1.8	0.26	**0.12**	0.24	0.034	**J**
75-15-0	Carbon Disulfide	**7.4**	3.8	0.55	**2.4**	1.2	0.18	
156-60-5	trans-1,2-Dichloroethene	**3.2**	1.8	0.25	**0.81**	0.47	0.064	
75-34-3	1,1-Dichloroethane	<0.27	1.9	0.27	<0.066	0.47	0.066	
1634-04-4	Methyl tert-Butyl Ether	<0.22	1.8	0.22	<0.060	0.51	0.060	
108-05-4	Vinyl Acetate	<4.1	18	4.1	<1.2	5.3	1.2	
78-93-3	2-Butanone (MEK)	**4.8**	3.8	0.38	**1.6**	1.3	0.13	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-002

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00085

Initial Pressure (psig): -0.24 Final Pressure (psig): 5.12

Canister Dilution Factor: 1.37

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.26	1.8	0.26	<0.065	0.46	0.065	
141-78-6	Ethyl Acetate	**59**	3.8	0.96	**16**	1.0	0.27	
110-54-3	n-Hexane	**4.0**	1.8	0.38	**1.1**	0.52	0.11	
67-66-3	Chloroform	**0.26**	1.8	0.24	**0.054**	0.38	0.050	**J**
109-99-9	Tetrahydrofuran (THF)	<0.23	1.9	0.23	<0.078	0.64	0.078	
107-06-2	1,2-Dichloroethane	**0.21**	1.8	0.20	**0.052**	0.46	0.050	**J**
71-55-6	1,1,1-Trichloroethane	<0.23	1.8	0.23	<0.041	0.34	0.041	
71-43-2	Benzene	**1.2**	1.8	0.26	**0.37**	0.57	0.083	**J**
56-23-5	Carbon Tetrachloride	**0.42**	1.8	0.25	**0.068**	0.29	0.040	**J**
110-82-7	Cyclohexane	**21**	3.8	0.51	**6.2**	1.1	0.15	
78-87-5	1,2-Dichloropropane	**0.50**	1.8	0.23	**0.11**	0.40	0.049	**J**
75-27-4	Bromodichloromethane	<0.26	1.8	0.26	<0.039	0.28	0.039	
79-01-6	Trichloroethene	**0.74**	1.8	0.25	**0.14**	0.34	0.046	**J**
123-91-1	1,4-Dioxane	<0.22	1.8	0.22	<0.060	0.51	0.060	
80-62-6	Methyl Methacrylate	<0.65	3.8	0.65	<0.16	0.92	0.16	
142-82-5	n-Heptane	**2.1**	1.8	0.29	**0.50**	0.45	0.071	
10061-01-5	cis-1,3-Dichloropropene	<0.28	1.8	0.28	<0.063	0.39	0.063	
108-10-1	4-Methyl-2-pentanone	<0.25	1.8	0.25	<0.061	0.44	0.061	
10061-02-6	trans-1,3-Dichloropropene	<0.38	1.8	0.38	<0.083	0.40	0.083	
79-00-5	1,1,2-Trichloroethane	<0.18	1.8	0.18	<0.034	0.34	0.034	
108-88-3	Toluene	**81**	1.8	0.22	**22**	0.49	0.059	
591-78-6	2-Hexanone	<0.23	1.8	0.23	<0.055	0.45	0.055	
124-48-1	Dibromochloromethane	<0.24	1.8	0.24	<0.028	0.22	0.028	
106-93-4	1,2-Dibromoethane	<0.21	1.8	0.21	<0.028	0.24	0.028	
123-86-4	n-Butyl Acetate	**8.8**	1.9	0.25	**1.9**	0.40	0.053	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-002

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00085

Initial Pressure (psig): -0.24 Final Pressure (psig): 5.12

Canister Dilution Factor: 1.37

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.9**	1.8	0.41	**0.40**	0.40	0.088	
127-18-4	Tetrachloroethene	**1.1**	1.8	0.24	**0.16**	0.26	0.035	**J**
108-90-7	Chlorobenzene	<0.24	1.8	0.24	<0.053	0.40	0.053	
100-41-4	Ethylbenzene	**2.2**	1.8	0.26	**0.51**	0.43	0.059	
179601-23-1	m,p-Xylenes	**6.6**	3.8	0.48	**1.5**	0.87	0.11	
75-25-2	Bromoform	<0.38	1.8	0.38	<0.036	0.18	0.036	
100-42-5	Styrene	**0.34**	1.8	0.29	**0.080**	0.43	0.069	**J**
95-47-6	o-Xylene	**2.0**	1.8	0.26	**0.45**	0.43	0.061	
111-84-2	n-Nonane	**2.0**	1.8	0.30	**0.38**	0.35	0.058	
79-34-5	1,1,2,2-Tetrachloroethane	<0.25	1.8	0.25	<0.037	0.27	0.037	
98-82-8	Cumene	<0.26	1.8	0.26	<0.054	0.38	0.054	
80-56-8	alpha-Pinene	**2.6**	1.8	0.28	**0.47**	0.33	0.050	
103-65-1	n-Propylbenzene	**0.26**	1.8	0.26	**0.054**	0.38	0.054	**J**
622-96-8	4-Ethyltoluene	<0.29	1.8	0.29	<0.059	0.38	0.059	
108-67-8	1,3,5-Trimethylbenzene	**0.30**	1.8	0.26	**0.062**	0.37	0.054	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.94**	1.8	0.25	**0.19**	0.38	0.052	**J**
100-44-7	Benzyl Chloride	<0.41	3.8	0.41	<0.079	0.73	0.079	
541-73-1	1,3-Dichlorobenzene	<0.27	1.8	0.27	<0.046	0.31	0.046	
106-46-7	1,4-Dichlorobenzene	<0.28	1.8	0.28	<0.047	0.31	0.047	
95-50-1	1,2-Dichlorobenzene	<0.27	1.8	0.27	<0.045	0.31	0.045	
5989-27-5	d-Limonene	**2.3**	1.8	0.38	**0.42**	0.33	0.068	
96-12-8	1,2-Dibromo-3-chloropropane	<0.34	1.8	0.34	<0.035	0.19	0.035	
120-82-1	1,2,4-Trichlorobenzene	<0.45	1.8	0.45	<0.060	0.25	0.060	
91-20-3	Naphthalene	<0.45	1.8	0.45	<0.085	0.34	0.085	
87-68-3	Hexachlorobutadiene	<0.38	1.8	0.38	<0.035	0.17	0.035	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.12** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-003

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00803

Initial Pressure (psig): -2.05 Final Pressure (psig): 5.43

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	2.1	0.52	**0.66**	1.2	0.30	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.1	0.35	**0.46**	0.43	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.1	0.23	<0.089	0.84	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.95	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.076	0.55	0.076	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.099	0.81	0.099	
64-17-5	Ethanol	**26**	21	1.5	**14**	11	0.78	
75-05-8	Acetonitrile	**0.76**	2.1	0.52	**0.45**	1.3	0.31	**J**
107-02-8	Acrolein	**6.5**	4.0	0.60	**2.8**	1.7	0.26	
67-64-1	Acetone	**27**	21	4.8	**11**	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**3.5**	2.1	0.32	**0.63**	0.38	0.057	
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.7**	8.3	0.87	**1.9**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.97	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-09-2	Methylene Chloride	**0.68**	2.1	0.60	**0.20**	0.61	0.17	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.1	0.29	<0.091	0.69	0.091	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.52**	2.1	0.30	**0.068**	0.28	0.039	**J**
75-15-0	Carbon Disulfide	<0.64	4.4	0.64	<0.20	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.1	0.25	<0.069	0.60	0.069	
108-05-4	Vinyl Acetate	**9.1**	21	4.8	**2.6**	6.1	1.4	**J**
78-93-3	2-Butanone (MEK)	**5.7**	4.4	0.44	**1.9**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.12** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-003

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00803

Initial Pressure (psig): -2.05 Final Pressure (psig): 5.43

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.075	0.53	0.075	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.1	0.44	<0.12	0.61	0.12	
67-66-3	Chloroform	**8.8**	2.1	0.28	**1.8**	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.090	0.74	0.090	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.048	0.39	0.048	
71-43-2	Benzene	<0.31	2.1	0.31	<0.096	0.66	0.096	
56-23-5	Carbon Tetrachloride	<0.29	2.1	0.29	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.057	0.46	0.057	
75-27-4	Bromodichloromethane	**0.35**	2.1	0.31	**0.053**	0.32	0.046	**J**
79-01-6	Trichloroethene	**0.71**	2.1	0.29	**0.13**	0.40	0.053	**J**
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.18	1.1	0.18	
142-82-5	n-Heptane	<0.34	2.1	0.34	<0.082	0.52	0.082	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	<0.29	2.1	0.29	<0.071	0.51	0.071	
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.096	0.46	0.096	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**9.0**	2.1	0.26	**2.4**	0.57	0.069	
591-78-6	2-Hexanone	**1.1**	2.1	0.26	**0.26**	0.52	0.064	**J**
124-48-1	Dibromochloromethane	<0.28	2.1	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.1	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**0.58**	2.2	0.29	**0.12**	0.46	0.061	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.12** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-003

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00803

Initial Pressure (psig): -2.05 Final Pressure (psig): 5.43

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.48	2.1	0.48	<0.10	0.46	0.10	
127-18-4	Tetrachloroethene	<0.27	2.1	0.27	<0.040	0.30	0.040	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.061	0.47	0.061	
100-41-4	Ethylbenzene	**1.4**	2.1	0.30	**0.32**	0.49	0.069	**J**
179601-23-1	m,p-Xylenes	**4.3**	4.4	0.56	**0.98**	1.0	0.13	**J**
75-25-2	Bromoform	<0.44	2.1	0.44	<0.042	0.21	0.042	
100-42-5	Styrene	<0.34	2.1	0.34	<0.080	0.50	0.080	
95-47-6	o-Xylene	**0.97**	2.1	0.31	**0.22**	0.49	0.070	**J**
111-84-2	n-Nonane	**1.2**	2.1	0.35	**0.22**	0.41	0.067	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.1	0.31	<0.062	0.44	0.062	
80-56-8	alpha-Pinene	**0.37**	2.1	0.33	**0.067**	0.39	0.059	**J**
103-65-1	n-Propylbenzene	<0.31	2.1	0.31	<0.062	0.44	0.062	
622-96-8	4-Ethyltoluene	**0.37**	2.1	0.34	**0.075**	0.44	0.069	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.34**	2.1	0.31	**0.070**	0.43	0.062	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.6**	2.1	0.29	**0.33**	0.44	0.060	**J**
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.092	0.84	0.092	
541-73-1	1,3-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.1	0.33	<0.054	0.36	0.054	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.36	0.052	
5989-27-5	d-Limonene	**1.1**	2.1	0.44	**0.21**	0.39	0.079	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.1	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	**0.60**	2.1	0.52	**0.11**	0.39	0.099	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.13** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-004

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00192

Initial Pressure (psig): -0.15 Final Pressure (psig): 5.46

Canister Dilution Factor: 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.99**	1.8	0.45	**0.58**	1.1	0.26	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	1.8	0.30	**0.50**	0.37	0.061	
74-87-3	Chloromethane	**0.86**	1.8	0.30	**0.42**	0.89	0.14	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.29	1.8	0.29	<0.042	0.26	0.042	
75-01-4	Vinyl Chloride	<0.20	1.9	0.20	<0.078	0.73	0.078	
106-99-0	1,3-Butadiene	<0.31	1.8	0.31	<0.14	0.83	0.14	
74-83-9	Bromomethane	<0.26	1.9	0.26	<0.066	0.48	0.066	
75-00-3	Chloroethane	<0.23	1.9	0.23	<0.087	0.71	0.087	
64-17-5	Ethanol	**36**	18	1.3	**19**	9.6	0.68	
75-05-8	Acetonitrile	**1.2**	1.8	0.45	**0.69**	1.1	0.27	**J**
107-02-8	Acrolein	**4.0**	3.5	0.52	**1.7**	1.5	0.23	
67-64-1	Acetone	**25**	18	4.2	**11**	7.8	1.8	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.2**	1.8	0.28	**0.21**	0.33	0.050	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.4**	7.3	0.76	**1.4**	3.0	0.31	**J**
107-13-1	Acrylonitrile	<0.38	1.8	0.38	<0.18	0.85	0.18	
75-35-4	1,1-Dichloroethene	<0.26	1.9	0.26	<0.065	0.47	0.065	
75-09-2	Methylene Chloride	**0.84**	1.8	0.52	**0.24**	0.53	0.15	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.25	1.9	0.25	<0.080	0.60	0.080	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.49**	1.9	0.26	**0.064**	0.24	0.034	**J**
75-15-0	Carbon Disulfide	**0.72**	3.8	0.56	**0.23**	1.2	0.18	**J**
156-60-5	trans-1,2-Dichloroethene	<0.26	1.9	0.26	<0.065	0.47	0.065	
75-34-3	1,1-Dichloroethane	<0.27	1.9	0.27	<0.067	0.47	0.067	
1634-04-4	Methyl tert-Butyl Ether	<0.22	1.9	0.22	<0.061	0.52	0.061	
108-05-4	Vinyl Acetate	**7.3**	19	4.2	**2.1**	5.3	1.2	**J**
78-93-3	2-Butanone (MEK)	**5.2**	3.8	0.38	**1.8**	1.3	0.13	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.13** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-004

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00192

Initial Pressure (psig): -0.15 Final Pressure (psig): 5.46

Canister Dilution Factor: 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.26	1.8	0.26	<0.066	0.46	0.066	
141-78-6	Ethyl Acetate	<0.97	3.8	0.97	<0.27	1.1	0.27	
110-54-3	n-Hexane	**0.56**	1.9	0.38	**0.16**	0.53	0.11	**J**
67-66-3	Chloroform	<0.25	1.9	0.25	<0.051	0.38	0.051	
109-99-9	Tetrahydrofuran (THF)	<0.23	1.9	0.23	<0.079	0.65	0.079	
107-06-2	1,2-Dichloroethane	<0.21	1.9	0.21	<0.051	0.46	0.051	
71-55-6	1,1,1-Trichloroethane	<0.23	1.9	0.23	<0.042	0.34	0.042	
71-43-2	Benzene	**0.46**	1.8	0.27	**0.14**	0.58	0.084	**J**
56-23-5	Carbon Tetrachloride	<0.26	1.8	0.26	<0.041	0.29	0.041	
110-82-7	Cyclohexane	<0.52	3.8	0.52	<0.15	1.1	0.15	
78-87-5	1,2-Dichloropropane	<0.23	1.9	0.23	<0.050	0.41	0.050	
75-27-4	Bromodichloromethane	<0.27	1.9	0.27	<0.040	0.28	0.040	
79-01-6	Trichloroethene	<0.25	1.9	0.25	<0.047	0.35	0.047	
123-91-1	1,4-Dioxane	<0.22	1.9	0.22	<0.061	0.52	0.061	
80-62-6	Methyl Methacrylate	<0.66	3.8	0.66	<0.16	0.93	0.16	
142-82-5	n-Heptane	<0.30	1.9	0.30	<0.072	0.46	0.072	
10061-01-5	cis-1,3-Dichloropropene	<0.29	1.8	0.29	<0.064	0.40	0.064	
108-10-1	4-Methyl-2-pentanone	**0.29**	1.8	0.25	**0.071**	0.45	0.062	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.38	1.8	0.38	<0.084	0.41	0.084	
79-00-5	1,1,2-Trichloroethane	<0.19	1.9	0.19	<0.034	0.34	0.034	
108-88-3	Toluene	**9.1**	1.9	0.23	**2.4**	0.50	0.060	
591-78-6	2-Hexanone	**0.86**	1.9	0.23	**0.21**	0.46	0.056	**J**
124-48-1	Dibromochloromethane	<0.24	1.9	0.24	<0.029	0.22	0.029	
106-93-4	1,2-Dibromoethane	<0.22	1.9	0.22	<0.028	0.24	0.028	
123-86-4	n-Butyl Acetate	**32**	1.9	0.25	**6.8**	0.40	0.053	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.13** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-004

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00192

Initial Pressure (psig): -0.15 Final Pressure (psig): 5.46

Canister Dilution Factor: 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.42	1.9	0.42	<0.089	0.40	0.089	
127-18-4	Tetrachloroethene	<0.24	1.8	0.24	<0.035	0.27	0.035	
108-90-7	Chlorobenzene	<0.25	1.9	0.25	<0.054	0.41	0.054	
100-41-4	Ethylbenzene	**1.0**	1.9	0.26	**0.24**	0.43	0.060	**J**
179601-23-1	m,p-Xylenes	**3.9**	3.8	0.49	**0.90**	0.88	0.11	
75-25-2	Bromoform	<0.38	1.9	0.38	<0.037	0.18	0.037	
100-42-5	Styrene	<0.30	1.8	0.30	<0.070	0.43	0.070	
95-47-6	o-Xylene	**1.7**	1.9	0.27	**0.39**	0.43	0.062	**J**
111-84-2	n-Nonane	<0.31	1.9	0.31	<0.059	0.36	0.059	
79-34-5	1,1,2,2-Tetrachloroethane	<0.26	1.9	0.26	<0.037	0.27	0.037	
98-82-8	Cumene	<0.27	1.9	0.27	<0.054	0.38	0.054	
80-56-8	alpha-Pinene	**14**	1.9	0.28	**2.5**	0.34	0.051	
103-65-1	n-Propylbenzene	<0.27	1.9	0.27	<0.054	0.38	0.054	
622-96-8	4-Ethyltoluene	<0.30	1.9	0.30	<0.060	0.38	0.060	
108-67-8	1,3,5-Trimethylbenzene	<0.27	1.8	0.27	<0.054	0.37	0.054	
95-63-6	1,2,4-Trimethylbenzene	**0.41**	1.9	0.26	**0.083**	0.38	0.052	**J**
100-44-7	Benzyl Chloride	<0.42	3.8	0.42	<0.081	0.74	0.081	
541-73-1	1,3-Dichlorobenzene	<0.28	1.9	0.28	<0.046	0.31	0.046	
106-46-7	1,4-Dichlorobenzene	<0.28	1.9	0.28	<0.047	0.31	0.047	
95-50-1	1,2-Dichlorobenzene	<0.27	1.9	0.27	<0.046	0.31	0.046	
5989-27-5	d-Limonene	**0.70**	1.9	0.38	**0.13**	0.34	0.069	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.35	1.8	0.35	<0.036	0.19	0.036	
120-82-1	1,2,4-Trichlorobenzene	<0.45	1.9	0.45	<0.061	0.25	0.061	
91-20-3	Naphthalene	<0.45	1.8	0.45	<0.086	0.34	0.086	
87-68-3	Hexachlorobutadiene	<0.38	1.8	0.38	<0.036	0.17	0.036	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.6** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-005

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01379

Initial Pressure (psig): -0.15 Final Pressure (psig): 6.61

Canister Dilution Factor: 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.47	1.9	0.47	<0.28	1.1	0.28	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	1.9	0.32	**0.48**	0.39	0.064	
74-87-3	Chloromethane	**1.1**	1.9	0.31	**0.52**	0.94	0.15	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.31	1.9	0.31	<0.044	0.28	0.044	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.081	0.77	0.081	
106-99-0	1,3-Butadiene	<0.32	1.9	0.32	<0.15	0.87	0.15	
74-83-9	Bromomethane	<0.27	2.0	0.27	<0.070	0.51	0.070	
75-00-3	Chloroethane	<0.24	2.0	0.24	<0.091	0.75	0.091	
64-17-5	Ethanol	**240**	19	1.4	**130**	10	0.72	
75-05-8	Acetonitrile	**0.63**	1.9	0.47	**0.37**	1.2	0.28	**J**
107-02-8	Acrolein	**3.6**	3.7	0.55	**1.6**	1.6	0.24	**J**
67-64-1	Acetone	**37**	19	4.4	**15**	8.1	1.8	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	1.9	0.30	**0.23**	0.34	0.053	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**32**	7.7	0.80	**13**	3.1	0.33	
107-13-1	Acrylonitrile	<0.40	1.9	0.40	<0.19	0.89	0.19	
75-35-4	1,1-Dichloroethene	<0.27	2.0	0.27	<0.068	0.50	0.068	
75-09-2	Methylene Chloride	**4.7**	1.9	0.55	**1.3**	0.56	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.26	2.0	0.26	<0.084	0.63	0.084	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.47**	2.0	0.28	**0.061**	0.26	0.036	**J**
75-15-0	Carbon Disulfide	<0.58	4.0	0.58	<0.19	1.3	0.19	
156-60-5	trans-1,2-Dichloroethene	**0.68**	2.0	0.27	**0.17**	0.50	0.068	**J**
75-34-3	1,1-Dichloroethane	<0.28	2.0	0.28	<0.070	0.50	0.070	
1634-04-4	Methyl tert-Butyl Ether	<0.23	2.0	0.23	<0.064	0.55	0.064	
108-05-4	Vinyl Acetate	**7.5**	20	4.4	**2.1**	5.6	1.2	**J**
78-93-3	2-Butanone (MEK)	**4.8**	4.0	0.40	**1.6**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.6** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-005

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01379

Initial Pressure (psig): -0.15 Final Pressure (psig): 6.61

Canister Dilution Factor: 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.27	1.9	0.27	<0.069	0.49	0.069	
141-78-6	Ethyl Acetate	**150**	4.0	1.0	**42**	1.1	0.28	
110-54-3	n-Hexane	**2.6**	2.0	0.40	**0.74**	0.56	0.11	
67-66-3	Chloroform	<0.26	2.0	0.26	<0.053	0.40	0.053	
109-99-9	Tetrahydrofuran (THF)	<0.24	2.0	0.24	<0.083	0.68	0.083	
107-06-2	1,2-Dichloroethane	<0.22	2.0	0.22	<0.053	0.49	0.053	
71-55-6	1,1,1-Trichloroethane	<0.24	2.0	0.24	<0.044	0.36	0.044	
71-43-2	Benzene	**1.6**	1.9	0.28	**0.49**	0.61	0.088	**J**
56-23-5	Carbon Tetrachloride	**0.40**	1.9	0.27	**0.064**	0.31	0.043	**J**
110-82-7	Cyclohexane	**3.4**	4.0	0.55	**1.0**	1.2	0.16	**J**
78-87-5	1,2-Dichloropropane	<0.24	2.0	0.24	<0.052	0.43	0.052	
75-27-4	Bromodichloromethane	<0.28	2.0	0.28	<0.042	0.29	0.042	
79-01-6	Trichloroethene	<0.26	2.0	0.26	<0.049	0.37	0.049	
123-91-1	1,4-Dioxane	<0.23	2.0	0.23	<0.064	0.55	0.064	
80-62-6	Methyl Methacrylate	<0.69	4.0	0.69	<0.17	0.98	0.17	
142-82-5	n-Heptane	**1.7**	2.0	0.31	**0.42**	0.48	0.076	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.30	1.9	0.30	<0.067	0.42	0.067	
108-10-1	4-Methyl-2-pentanone	<0.27	1.9	0.27	<0.065	0.47	0.065	
10061-02-6	trans-1,3-Dichloropropene	<0.40	1.9	0.40	<0.088	0.43	0.088	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.036	0.36	0.036	
108-88-3	Toluene	**16**	2.0	0.24	**4.2**	0.52	0.063	
591-78-6	2-Hexanone	**0.46**	2.0	0.24	**0.11**	0.48	0.059	**J**
124-48-1	Dibromochloromethane	<0.26	2.0	0.26	<0.030	0.23	0.030	
106-93-4	1,2-Dibromoethane	<0.23	2.0	0.23	<0.029	0.26	0.029	
123-86-4	n-Butyl Acetate	**5.1**	2.0	0.27	**1.1**	0.42	0.056	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.6** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-005

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01379

Initial Pressure (psig): -0.15 Final Pressure (psig): 6.61

Canister Dilution Factor: 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.3**	2.0	0.44	**0.28**	0.42	0.094	**J**
127-18-4	Tetrachloroethene	<0.25	1.9	0.25	<0.037	0.28	0.037	
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.056	0.43	0.056	
100-41-4	Ethylbenzene	**1.2**	2.0	0.27	**0.28**	0.45	0.063	**J**
179601-23-1	m,p-Xylenes	**3.6**	4.0	0.51	**0.82**	0.92	0.12	**J**
75-25-2	Bromoform	<0.40	2.0	0.40	<0.039	0.19	0.039	
100-42-5	Styrene	**0.49**	1.9	0.31	**0.12**	0.45	0.074	**J**
95-47-6	o-Xylene	**1.3**	2.0	0.28	**0.29**	0.45	0.065	**J**
111-84-2	n-Nonane	<0.32	2.0	0.32	<0.062	0.38	0.062	
79-34-5	1,1,2,2-Tetrachloroethane	<0.27	2.0	0.27	<0.039	0.29	0.039	
98-82-8	Cumene	<0.28	2.0	0.28	<0.057	0.40	0.057	
80-56-8	alpha-Pinene	**1.4**	2.0	0.30	**0.24**	0.35	0.054	**J**
103-65-1	n-Propylbenzene	<0.28	2.0	0.28	<0.057	0.40	0.057	
622-96-8	4-Ethyltoluene	<0.31	2.0	0.31	<0.063	0.40	0.063	
108-67-8	1,3,5-Trimethylbenzene	<0.28	1.9	0.28	<0.057	0.39	0.057	
95-63-6	1,2,4-Trimethylbenzene	**0.55**	2.0	0.27	**0.11**	0.40	0.055	**J**
100-44-7	Benzyl Chloride	<0.44	4.0	0.44	<0.085	0.78	0.085	
541-73-1	1,3-Dichlorobenzene	<0.29	2.0	0.29	<0.049	0.33	0.049	
106-46-7	1,4-Dichlorobenzene	<0.30	2.0	0.30	<0.050	0.33	0.050	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.048	0.33	0.048	
5989-27-5	d-Limonene	**1.1**	2.0	0.40	**0.19**	0.35	0.072	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	1.9	0.37	<0.038	0.20	0.038	
120-82-1	1,2,4-Trichlorobenzene	<0.47	2.0	0.47	<0.064	0.27	0.064	
91-20-3	Naphthalene	<0.47	1.9	0.47	<0.091	0.36	0.091	
87-68-3	Hexachlorobutadiene	<0.40	1.9	0.40	<0.038	0.18	0.038	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.19** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-006

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00768

Initial Pressure (psig): -2.77 Final Pressure (psig): 6.10

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.79**	2.3	0.57	**0.46**	1.3	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.3	0.38	**0.48**	0.47	0.077	
74-87-3	Chloromethane	<0.37	2.3	0.37	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.37	2.3	0.37	<0.052	0.33	0.052	
75-01-4	Vinyl Chloride	<0.25	2.3	0.25	<0.097	0.92	0.097	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.083	0.61	0.083	
75-00-3	Chloroethane	<0.29	2.3	0.29	<0.11	0.89	0.11	
64-17-5	Ethanol	**12**	23	1.6	**6.3**	12	0.85	**J**
75-05-8	Acetonitrile	**0.86**	2.3	0.57	**0.51**	1.4	0.34	**J**
107-02-8	Acrolein	**3.4**	4.4	0.65	**1.5**	1.9	0.28	**J**
67-64-1	Acetone	**16**	23	5.2	**6.5**	9.7	2.2	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.6**	2.3	0.35	**0.29**	0.41	0.063	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.1**	9.1	0.96	**1.3**	3.7	0.39	**J**
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-09-2	Methylene Chloride	<0.65	2.3	0.65	<0.19	0.66	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.10	0.75	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.58**	2.3	0.33	**0.076**	0.31	0.043	**J**
75-15-0	Carbon Disulfide	**2.4**	4.8	0.70	**0.78**	1.5	0.22	**J**
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.084	0.59	0.084	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.076	0.65	0.076	
108-05-4	Vinyl Acetate	**6.9**	23	5.2	**2.0**	6.7	1.5	**J**
78-93-3	2-Butanone (MEK)	**3.6**	4.8	0.48	**1.2**	1.6	0.16	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.19** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-006

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00768

Initial Pressure (psig): -2.77 Final Pressure (psig): 6.10

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.33	2.3	0.33	<0.082	0.58	0.082	
141-78-6	Ethyl Acetate	<1.2	4.8	1.2	<0.34	1.3	0.34	
110-54-3	n-Hexane	<0.48	2.3	0.48	<0.14	0.67	0.14	
67-66-3	Chloroform	**4.8**	2.3	0.31	**0.98**	0.48	0.063	
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.099	0.81	0.099	
107-06-2	1,2-Dichloroethane	<0.26	2.3	0.26	<0.063	0.58	0.063	
71-55-6	1,1,1-Trichloroethane	<0.29	2.3	0.29	<0.053	0.43	0.053	
71-43-2	Benzene	<0.33	2.3	0.33	<0.10	0.72	0.10	
56-23-5	Carbon Tetrachloride	<0.32	2.3	0.32	<0.051	0.37	0.051	
110-82-7	Cyclohexane	<0.65	4.8	0.65	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	**0.31**	2.3	0.29	**0.067**	0.51	0.062	**J**
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.050	0.35	0.050	
79-01-6	Trichloroethene	**0.34**	2.3	0.31	**0.064**	0.44	0.058	**J**
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.076	0.65	0.076	
80-62-6	Methyl Methacrylate	<0.83	4.8	0.83	<0.20	1.2	0.20	
142-82-5	n-Heptane	**0.48**	2.3	0.37	**0.12**	0.57	0.090	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.3	0.36	<0.080	0.50	0.080	
108-10-1	4-Methyl-2-pentanone	<0.32	2.3	0.32	<0.078	0.56	0.078	
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.11	0.51	0.11	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.043	0.43	0.043	
108-88-3	Toluene	**5.7**	2.3	0.28	**1.5**	0.62	0.075	
591-78-6	2-Hexanone	**1.0**	2.3	0.29	**0.25**	0.57	0.070	**J**
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.036	0.28	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.31	0.035	
123-86-4	n-Butyl Acetate	**0.46**	2.4	0.32	**0.097**	0.50	0.067	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-2.19** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-006

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00768

Initial Pressure (psig): -2.77 Final Pressure (psig): 6.10

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.52	2.3	0.52	<0.11	0.50	0.11	
127-18-4	Tetrachloroethene	<0.30	2.3	0.30	<0.044	0.33	0.044	
108-90-7	Chlorobenzene	<0.31	2.3	0.31	<0.067	0.51	0.067	
100-41-4	Ethylbenzene	**1.3**	2.3	0.33	**0.29**	0.54	0.075	**J**
179601-23-1	m,p-Xylenes	**4.1**	4.8	0.61	**0.94**	1.1	0.14	**J**
75-25-2	Bromoform	<0.48	2.3	0.48	<0.046	0.23	0.046	
100-42-5	Styrene	**0.49**	2.3	0.37	**0.12**	0.54	0.088	**J**
95-47-6	o-Xylene	**0.87**	2.3	0.33	**0.20**	0.54	0.077	**J**
111-84-2	n-Nonane	**0.66**	2.3	0.39	**0.13**	0.45	0.074	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.047	0.34	0.047	
98-82-8	Cumene	<0.33	2.3	0.33	<0.068	0.48	0.068	
80-56-8	alpha-Pinene	<0.36	2.3	0.36	<0.064	0.42	0.064	
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.068	0.48	0.068	
622-96-8	4-Ethyltoluene	<0.37	2.3	0.37	<0.075	0.48	0.075	
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.068	0.47	0.068	
95-63-6	1,2,4-Trimethylbenzene	**1.4**	2.3	0.32	**0.28**	0.48	0.066	**J**
100-44-7	Benzyl Chloride	<0.52	4.8	0.52	<0.10	0.92	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.39	0.058	
106-46-7	1,4-Dichlorobenzene	<0.36	2.3	0.36	<0.059	0.39	0.059	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
5989-27-5	d-Limonene	**0.87**	2.3	0.48	**0.16**	0.42	0.086	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.44	2.3	0.44	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.57	2.3	0.57	<0.076	0.32	0.076	
91-20-3	Naphthalene	**0.95**	2.3	0.57	**0.18**	0.43	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.22	0.045	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.4** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-007

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00317

Initial Pressure (psig): -2.57 Final Pressure (psig): 6.07

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.1**	2.3	0.56	**2.4**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.3	0.37	**0.49**	0.46	0.075	
74-87-3	Chloromethane	**0.77**	2.3	0.37	**0.37**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.59	0.082	
75-00-3	Chloroethane	**0.44**	2.3	0.28	**0.17**	0.88	0.11	**J**
64-17-5	Ethanol	**16**	22	1.6	**8.7**	12	0.84	**J**
75-05-8	Acetonitrile	**1.8**	2.3	0.56	**1.1**	1.4	0.33	**J**
107-02-8	Acrolein	**0.85**	4.3	0.64	**0.37**	1.9	0.28	**J**
67-64-1	Acetone	**130**	23	5.1	**55**	9.5	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.0**	2.3	0.35	**0.36**	0.40	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.2**	9.0	0.94	**2.1**	3.7	0.38	**J**
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.74	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.53**	2.3	0.32	**0.069**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**1.3**	4.7	0.68	**0.43**	1.5	0.22	**J**
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-34-3	1,1-Dichloroethane	<0.33	2.4	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.075	0.64	0.075	
108-05-4	Vinyl Acetate	**33**	23	5.1	**9.4**	6.6	1.5	
78-93-3	2-Butanone (MEK)	**37**	4.7	0.47	**12**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.4** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-007

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00317

Initial Pressure (psig): -2.57 Final Pressure (psig): 6.07

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	**0.36**	2.3	0.32	**0.091**	0.57	0.081	**J**
141-78-6	Ethyl Acetate	**1.4**	4.7	1.2	**0.38**	1.3	0.33	**J**
110-54-3	n-Hexane	<0.47	2.3	0.47	<0.13	0.66	0.13	
67-66-3	Chloroform	<0.30	2.3	0.30	<0.062	0.47	0.062	
109-99-9	Tetrahydrofuran (THF)	**0.83**	2.4	0.29	**0.28**	0.80	0.097	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.052	0.42	0.052	
71-43-2	Benzene	**1.0**	2.3	0.33	**0.33**	0.71	0.10	**J**
56-23-5	Carbon Tetrachloride	<0.32	2.3	0.32	<0.050	0.36	0.050	
110-82-7	Cyclohexane	<0.64	4.7	0.64	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.049	0.34	0.049	
79-01-6	Trichloroethene	**0.47**	2.3	0.31	**0.088**	0.43	0.057	**J**
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.075	0.64	0.075	
80-62-6	Methyl Methacrylate	<0.81	4.7	0.81	<0.20	1.1	0.20	
142-82-5	n-Heptane	**0.41**	2.3	0.36	**0.10**	0.56	0.089	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	**1.1**	2.3	0.31	**0.27**	0.55	0.076	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**3.4**	2.3	0.28	**0.91**	0.61	0.074	
591-78-6	2-Hexanone	**4.6**	2.3	0.28	**1.1**	0.56	0.069	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	<0.31	2.4	0.31	<0.066	0.50	0.066	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.4** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-007

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00317

Initial Pressure (psig): -2.57 Final Pressure (psig): 6.07

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.51	2.3	0.51	<0.11	0.49	0.11	
127-18-4	Tetrachloroethene	**3.4**	2.2	0.29	**0.51**	0.33	0.044	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**1.0**	2.3	0.32	**0.24**	0.53	0.074	**J**
179601-23-1	m,p-Xylenes	**3.2**	4.7	0.60	**0.74**	1.1	0.14	**J**
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	<0.37	2.3	0.37	<0.086	0.53	0.086	
95-47-6	o-Xylene	**0.91**	2.3	0.33	**0.21**	0.53	0.076	**J**
111-84-2	n-Nonane	**1.0**	2.3	0.38	**0.20**	0.44	0.073	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.046	0.34	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.067	0.47	0.067	
80-56-8	alpha-Pinene	<0.35	2.3	0.35	<0.063	0.41	0.063	
103-65-1	n-Propylbenzene	**0.37**	2.3	0.33	**0.076**	0.47	0.067	**J**
622-96-8	4-Ethyltoluene	<0.36	2.3	0.36	<0.074	0.47	0.074	
108-67-8	1,3,5-Trimethylbenzene	**0.39**	2.3	0.33	**0.080**	0.46	0.067	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	2.3	0.32	**0.39**	0.47	0.064	**J**
100-44-7	Benzyl Chloride	<0.51	4.7	0.51	<0.099	0.91	0.099	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**0.70**	2.3	0.47	**0.13**	0.41	0.084	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.075	0.31	0.075	
91-20-3	Naphthalene	<0.56	2.2	0.56	<0.11	0.42	0.11	
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.14** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-008

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00058

Initial Pressure (psig): -1.58 Final Pressure (psig): 5.87

Canister Dilution Factor: 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.51	2.1	0.51	<0.30	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.1	0.34	**0.47**	0.42	0.069	
74-87-3	Chloromethane	**0.81**	2.1	0.34	**0.39**	1.0	0.16	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.30	0.047	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.088	0.83	0.088	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.94	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.075	0.55	0.075	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.098	0.80	0.098	
64-17-5	Ethanol	**180**	20	1.5	**97**	11	0.77	
75-05-8	Acetonitrile	**0.53**	2.1	0.51	**0.31**	1.2	0.30	**J**
107-02-8	Acrolein	**3.0**	3.9	0.59	**1.3**	1.7	0.26	**J**
67-64-1	Acetone	**21**	21	4.7	**8.9**	8.8	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.0**	2.1	0.32	**0.35**	0.37	0.057	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**22**	8.2	0.86	**8.8**	3.4	0.35	
107-13-1	Acrylonitrile	<0.43	2.1	0.43	<0.20	0.96	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.073	0.53	0.073	
75-09-2	Methylene Chloride	**7.7**	2.1	0.59	**2.2**	0.60	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.090	0.68	0.090	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.48**	2.1	0.30	**0.063**	0.28	0.039	**J**
75-15-0	Carbon Disulfide	<0.63	4.3	0.63	<0.20	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.073	0.53	0.073	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.076	0.53	0.076	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.1	0.25	<0.069	0.59	0.069	
108-05-4	Vinyl Acetate	<4.7	21	4.7	<1.3	6.0	1.3	
78-93-3	2-Butanone (MEK)	**4.8**	4.3	0.43	**1.6**	1.5	0.15	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.14** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-008

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00058

Initial Pressure (psig): -1.58 Final Pressure (psig): 5.87

Canister Dilution Factor: 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.52	0.074	
141-78-6	Ethyl Acetate	**130**	4.3	1.1	**37**	1.2	0.31	
110-54-3	n-Hexane	**2.2**	2.1	0.43	**0.63**	0.60	0.12	
67-66-3	Chloroform	<0.28	2.1	0.28	<0.057	0.43	0.057	
109-99-9	Tetrahydrofuran (THF)	<0.26	2.2	0.26	<0.089	0.73	0.089	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.057	0.52	0.057	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.047	0.39	0.047	
71-43-2	Benzene	**1.3**	2.1	0.30	**0.41**	0.65	0.095	**J**
56-23-5	Carbon Tetrachloride	**0.40**	2.1	0.29	**0.063**	0.33	0.046	**J**
110-82-7	Cyclohexane	<0.59	4.3	0.59	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.056	0.46	0.056	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.32	0.045	
79-01-6	Trichloroethene	**0.68**	2.1	0.28	**0.13**	0.39	0.053	**J**
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.069	0.59	0.069	
80-62-6	Methyl Methacrylate	<0.75	4.3	0.75	<0.18	1.1	0.18	
142-82-5	n-Heptane	**0.79**	2.1	0.33	**0.19**	0.52	0.081	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.0	0.33	<0.072	0.45	0.072	
108-10-1	4-Methyl-2-pentanone	<0.29	2.1	0.29	<0.070	0.51	0.070	
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.095	0.46	0.095	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**15**	2.1	0.26	**3.9**	0.56	0.068	
591-78-6	2-Hexanone	<0.26	2.1	0.26	<0.063	0.52	0.063	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**1.2**	2.2	0.29	**0.25**	0.45	0.060	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.14** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-008

Test Code: EPA TO-15 Date Collected: 4/20/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00058

Initial Pressure (psig): -1.58 Final Pressure (psig): 5.87

Canister Dilution Factor: 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.77**	2.1	0.47	**0.17**	0.45	0.10	**J**
127-18-4	Tetrachloroethene	<0.27	2.0	0.27	<0.040	0.30	0.040	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.061	0.46	0.061	
100-41-4	Ethylbenzene	**2.8**	2.1	0.29	**0.65**	0.49	0.068	
179601-23-1	m,p-Xylenes	**9.1**	4.3	0.55	**2.1**	0.99	0.13	
75-25-2	Bromoform	<0.43	2.1	0.43	<0.042	0.21	0.042	
100-42-5	Styrene	**1.8**	2.1	0.34	**0.43**	0.49	0.079	**J**
95-47-6	o-Xylene	**2.4**	2.1	0.30	**0.56**	0.49	0.070	
111-84-2	n-Nonane	**0.91**	2.1	0.35	**0.17**	0.40	0.067	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.042	0.31	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.062	0.43	0.062	
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.058	0.38	0.058	
103-65-1	n-Propylbenzene	**0.69**	2.1	0.30	**0.14**	0.43	0.062	**J**
622-96-8	4-Ethyltoluene	**1.1**	2.1	0.33	**0.22**	0.43	0.068	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.1**	2.1	0.30	**0.22**	0.42	0.062	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.7**	2.1	0.29	**0.95**	0.43	0.059	
100-44-7	Benzyl Chloride	<0.47	4.3	0.47	<0.091	0.83	0.091	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.054	0.35	0.054	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
5989-27-5	d-Limonene	**1.8**	2.1	0.43	**0.32**	0.38	0.078	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.1	0.39	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.51	2.1	0.51	<0.069	0.29	0.069	
91-20-3	Naphthalene	<0.51	2.0	0.51	<0.097	0.39	0.097	
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.040	0.20	0.040	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.10** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-009

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00935

Initial Pressure (psig): -1.75 Final Pressure (psig): 5.41

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.50	2.1	0.50	<0.29	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.1	0.34	**0.48**	0.42	0.068	
74-87-3	Chloromethane	<0.33	2.1	0.33	<0.16	0.99	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.29	0.047	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.086	0.82	0.086	
106-99-0	1,3-Butadiene	<0.34	2.1	0.34	<0.15	0.93	0.15	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.097	0.79	0.097	
64-17-5	Ethanol	**33**	20	1.4	**17**	11	0.76	
75-05-8	Acetonitrile	<0.50	2.1	0.50	<0.30	1.2	0.30	
107-02-8	Acrolein	**0.84**	3.9	0.58	**0.37**	1.7	0.25	**J**
67-64-1	Acetone	**9.6**	21	4.7	**4.0**	8.6	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.9**	2.1	0.31	**0.33**	0.37	0.056	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	8.1	0.85	**0.92**	3.3	0.35	**J**
107-13-1	Acrylonitrile	<0.43	2.1	0.43	<0.20	0.95	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-09-2	Methylene Chloride	<0.58	2.1	0.58	<0.17	0.59	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.089	0.67	0.089	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.48**	2.1	0.29	**0.063**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**1.2**	4.3	0.62	**0.39**	1.4	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.075	0.53	0.075	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.068	0.58	0.068	
108-05-4	Vinyl Acetate	<4.7	21	4.7	<1.3	5.9	1.3	
78-93-3	2-Butanone (MEK)	**2.6**	4.3	0.43	**0.88**	1.4	0.14	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.10** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-009

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00935

Initial Pressure (psig): -1.75 Final Pressure (psig): 5.41

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.1	0.29	<0.073	0.52	0.073	
141-78-6	Ethyl Acetate	<1.1	4.3	1.1	<0.30	1.2	0.30	
110-54-3	n-Hexane	<0.43	2.1	0.43	<0.12	0.59	0.12	
67-66-3	Chloroform	**0.28**	2.1	0.28	**0.056**	0.43	0.056	**J**
109-99-9	Tetrahydrofuran (THF)	<0.26	2.1	0.26	<0.088	0.72	0.088	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.057	0.52	0.057	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.047	0.38	0.047	
71-43-2	Benzene	<0.30	2.1	0.30	<0.093	0.64	0.093	
56-23-5	Carbon Tetrachloride	**0.29**	2.1	0.29	**0.046**	0.33	0.046	**J**
110-82-7	Cyclohexane	<0.58	4.3	0.58	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.055	0.45	0.055	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.31	0.045	
79-01-6	Trichloroethene	<0.28	2.1	0.28	<0.052	0.39	0.052	
123-91-1	1,4-Dioxane	<0.24	2.1	0.24	<0.068	0.58	0.068	
80-62-6	Methyl Methacrylate	<0.74	4.3	0.74	<0.18	1.0	0.18	
142-82-5	n-Heptane	<0.33	2.1	0.33	<0.080	0.51	0.080	
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.071	0.44	0.071	
108-10-1	4-Methyl-2-pentanone	<0.28	2.1	0.28	<0.069	0.50	0.069	
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.094	0.45	0.094	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**9.1**	2.1	0.25	**2.4**	0.56	0.067	
591-78-6	2-Hexanone	**0.27**	2.1	0.26	**0.066**	0.51	0.062	**J**
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**0.44**	2.1	0.28	**0.093**	0.45	0.060	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.10** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-009

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00935

Initial Pressure (psig): -1.75 Final Pressure (psig): 5.41

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.48**	2.1	0.47	**0.10**	0.45	0.10	**J**
127-18-4	Tetrachloroethene	<0.27	2.0	0.27	<0.039	0.30	0.039	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.060	0.45	0.060	
100-41-4	Ethylbenzene	**0.98**	2.1	0.29	**0.23**	0.48	0.067	**J**
179601-23-1	m,p-Xylenes	**3.3**	4.3	0.54	**0.76**	0.98	0.12	**J**
75-25-2	Bromoform	<0.43	2.1	0.43	<0.041	0.20	0.041	
100-42-5	Styrene	<0.33	2.1	0.33	<0.078	0.48	0.078	
95-47-6	o-Xylene	**1.0**	2.1	0.30	**0.23**	0.48	0.069	**J**
111-84-2	n-Nonane	**4.1**	2.1	0.34	**0.78**	0.40	0.066	
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.042	0.30	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.061	0.43	0.061	
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.057	0.38	0.057	
103-65-1	n-Propylbenzene	**0.41**	2.1	0.30	**0.083**	0.43	0.061	**J**
622-96-8	4-Ethyltoluene	**0.50**	2.1	0.33	**0.10**	0.43	0.067	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.46**	2.1	0.30	**0.094**	0.42	0.061	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	2.1	0.29	**0.36**	0.43	0.058	**J**
100-44-7	Benzyl Chloride	<0.47	4.3	0.47	<0.090	0.82	0.090	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**0.53**	2.1	0.43	**0.096**	0.38	0.077	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.1	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.068	0.28	0.068	
91-20-3	Naphthalene	**0.62**	2.0	0.50	**0.12**	0.38	0.096	**J**
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.31** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-010

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7 - 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00008

Initial Pressure (psig): -1.77 Final Pressure (psig): 6.53

Canister Dilution Factor: 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.7**	2.2	0.53	**0.96**	1.3	0.31	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**59**	2.2	0.36	**12**	0.44	0.072	
74-87-3	Chloromethane	**0.43**	2.2	0.35	**0.21**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.2	0.34	<0.049	0.31	0.049	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.091	0.87	0.091	
106-99-0	1,3-Butadiene	<0.36	2.2	0.36	<0.16	0.98	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.078	0.57	0.078	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.84	0.10	
64-17-5	Ethanol	**44**	21	1.5	**23**	11	0.81	
75-05-8	Acetonitrile	**1.0**	2.2	0.53	**0.59**	1.3	0.32	**J**
107-02-8	Acrolein	**4.1**	4.1	0.62	**1.8**	1.8	0.27	
67-64-1	Acetone	**33**	22	4.9	**14**	9.2	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1,200**	22	3.3	**220**	3.9	0.59	**D**
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.90	8.6	0.90	<0.37	3.5	0.37	
107-13-1	Acrylonitrile	<0.45	2.2	0.45	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-09-2	Methylene Chloride	**0.65**	2.2	0.62	**0.19**	0.63	0.18	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.2	0.30	<0.094	0.71	0.094	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**4.1**	2.2	0.31	**0.53**	0.29	0.041	
75-15-0	Carbon Disulfide	**76**	4.5	0.66	**24**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-34-3	1,1-Dichloroethane	<0.32	2.3	0.32	<0.079	0.56	0.079	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.2	0.26	<0.072	0.61	0.072	
108-05-4	Vinyl Acetate	**12**	22	4.9	**3.4**	6.3	1.4	**J**
78-93-3	2-Butanone (MEK)	**7.7**	4.5	0.45	**2.6**	1.5	0.15	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Revised Page

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.31** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-010

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7 - 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00008

Initial Pressure (psig): -1.77 Final Pressure (psig): 6.53

Canister Dilution Factor: 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.078	0.55	0.078	
141-78-6	Ethyl Acetate	**4.0**	4.5	1.1	**1.1**	1.3	0.32	**J**
110-54-3	n-Hexane	**0.47**	2.2	0.45	**0.13**	0.63	0.13	**J**
67-66-3	Chloroform	**3.7**	2.2	0.29	**0.75**	0.45	0.060	
109-99-9	Tetrahydrofuran (THF)	**0.39**	2.3	0.27	**0.13**	0.76	0.093	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.060	0.55	0.060	
71-55-6	1,1,1-Trichloroethane	**2.9**	2.2	0.27	**0.53**	0.41	0.050	
71-43-2	Benzene	<0.32	2.2	0.32	<0.099	0.68	0.099	
56-23-5	Carbon Tetrachloride	<0.30	2.2	0.30	<0.048	0.35	0.048	
110-82-7	Cyclohexane	<0.62	4.5	0.62	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.059	0.48	0.059	
75-27-4	Bromodichloromethane	<0.32	2.2	0.32	<0.047	0.33	0.047	
79-01-6	Trichloroethene	<0.30	2.2	0.30	<0.055	0.41	0.055	
123-91-1	1,4-Dioxane	**1.6**	2.2	0.26	**0.44**	0.61	0.072	**J**
80-62-6	Methyl Methacrylate	<0.78	4.5	0.78	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.36**	2.2	0.35	**0.088**	0.54	0.085	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.1	0.34	<0.075	0.47	0.075	
108-10-1	4-Methyl-2-pentanone	**0.47**	2.2	0.30	**0.12**	0.53	0.073	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.45	2.2	0.45	<0.099	0.48	0.099	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.041	0.41	0.041	
108-88-3	Toluene	**4.2**	2.2	0.27	**1.1**	0.59	0.071	
591-78-6	2-Hexanone	**1.4**	2.2	0.27	**0.34**	0.54	0.066	**J**
124-48-1	Dibromochloromethane	<0.29	2.2	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.033	0.29	0.033	
123-86-4	n-Butyl Acetate	**1.2**	2.3	0.30	**0.24**	0.47	0.063	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Revised Page

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.31** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-010

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7 - 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00008

Initial Pressure (psig): -1.77 Final Pressure (psig): 6.53

Canister Dilution Factor: 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.51**	2.2	0.49	**0.11**	0.47	0.11	**J**
127-18-4	Tetrachloroethene	**67**	2.1	0.28	**9.8**	0.31	0.042	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.063	0.48	0.063	
100-41-4	Ethylbenzene	**0.77**	2.2	0.31	**0.18**	0.51	0.071	**J**
179601-23-1	m,p-Xylenes	**2.4**	4.5	0.57	**0.55**	1.0	0.13	**J**
75-25-2	Bromoform	<0.45	2.2	0.45	<0.044	0.21	0.044	
100-42-5	Styrene	<0.35	2.2	0.35	<0.083	0.51	0.083	
95-47-6	o-Xylene	**0.67**	2.2	0.32	**0.15**	0.51	0.073	**J**
111-84-2	n-Nonane	**2.6**	2.2	0.36	**0.49**	0.42	0.070	
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.044	0.32	0.044	
98-82-8	Cumene	<0.32	2.2	0.32	<0.064	0.45	0.064	
80-56-8	alpha-Pinene	<0.34	2.2	0.34	<0.060	0.40	0.060	
103-65-1	n-Propylbenzene	<0.32	2.2	0.32	<0.064	0.45	0.064	
622-96-8	4-Ethyltoluene	<0.35	2.2	0.35	<0.071	0.45	0.071	
108-67-8	1,3,5-Trimethylbenzene	<0.32	2.2	0.32	<0.064	0.44	0.064	
95-63-6	1,2,4-Trimethylbenzene	**0.93**	2.2	0.30	**0.19**	0.45	0.062	**J**
100-44-7	Benzyl Chloride	<0.49	4.5	0.49	<0.095	0.87	0.095	
541-73-1	1,3-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.37	0.055	
106-46-7	1,4-Dichlorobenzene	<0.34	2.2	0.34	<0.056	0.37	0.056	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.37	0.054	
5989-27-5	d-Limonene	<0.45	2.2	0.45	<0.081	0.40	0.081	
96-12-8	1,2-Dibromo-3-chloropropane	<0.41	2.2	0.41	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.53	2.2	0.53	<0.072	0.30	0.072	
91-20-3	Naphthalene	<0.53	2.1	0.53	<0.10	0.41	0.10	
87-68-3	Hexachlorobutadiene	<0.45	2.2	0.45	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Revised Page

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.30** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-011

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00988

Initial Pressure (psig): -2.02 Final Pressure (psig): 5.42

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.52	2.1	0.52	<0.30	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.2**	2.1	0.35	**1.1**	0.43	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.1	0.23	<0.089	0.84	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.95	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.076	0.55	0.076	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.099	0.81	0.099	
64-17-5	Ethanol	**72**	21	1.5	**38**	11	0.78	
75-05-8	Acetonitrile	**0.58**	2.1	0.52	**0.35**	1.3	0.31	**J**
107-02-8	Acrolein	<0.60	4.0	0.60	<0.26	1.7	0.26	
67-64-1	Acetone	**5.7**	21	4.8	**2.4**	8.9	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**160**	2.1	0.32	**28**	0.38	0.057	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.7**	8.3	0.87	**0.70**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.97	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-09-2	Methylene Chloride	<0.60	2.1	0.60	<0.17	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.1	0.29	<0.091	0.69	0.091	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.86**	2.1	0.30	**0.11**	0.28	0.039	**J**
75-15-0	Carbon Disulfide	**3.9**	4.4	0.64	**1.3**	1.4	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.1	0.25	<0.069	0.60	0.069	
108-05-4	Vinyl Acetate	<4.8	21	4.8	<1.4	6.1	1.4	
78-93-3	2-Butanone (MEK)	**1.7**	4.4	0.44	**0.59**	1.5	0.15	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.30** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-011

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00988

Initial Pressure (psig): -2.02 Final Pressure (psig): 5.42

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.075	0.53	0.075	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.1	0.44	<0.12	0.61	0.12	
67-66-3	Chloroform	**2.0**	2.1	0.28	**0.40**	0.44	0.058	**J**
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.090	0.74	0.090	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.048	0.39	0.048	
71-43-2	Benzene	<0.31	2.1	0.31	<0.096	0.66	0.096	
56-23-5	Carbon Tetrachloride	<0.29	2.1	0.29	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.057	0.46	0.057	
75-27-4	Bromodichloromethane	<0.31	2.1	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	<0.29	2.1	0.29	<0.053	0.40	0.053	
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.18	1.1	0.18	
142-82-5	n-Heptane	<0.34	2.1	0.34	<0.082	0.52	0.082	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	<0.29	2.1	0.29	<0.071	0.51	0.071	
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.096	0.46	0.096	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**0.60**	2.1	0.26	**0.16**	0.57	0.069	**J**
591-78-6	2-Hexanone	<0.26	2.1	0.26	<0.064	0.52	0.064	
124-48-1	Dibromochloromethane	<0.28	2.1	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.1	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	<0.29	2.2	0.29	<0.061	0.46	0.061	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.30** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-011

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00988

Initial Pressure (psig): -2.02 Final Pressure (psig): 5.42

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.48	2.1	0.48	<0.10	0.46	0.10	
127-18-4	Tetrachloroethene	**4.0**	2.1	0.27	**0.59**	0.30	0.040	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.061	0.47	0.061	
100-41-4	Ethylbenzene	<0.30	2.1	0.30	<0.069	0.49	0.069	
179601-23-1	m,p-Xylenes	<0.56	4.4	0.56	<0.13	1.0	0.13	
75-25-2	Bromoform	<0.44	2.1	0.44	<0.042	0.21	0.042	
100-42-5	Styrene	<0.34	2.1	0.34	<0.080	0.50	0.080	
95-47-6	o-Xylene	<0.31	2.1	0.31	<0.070	0.49	0.070	
111-84-2	n-Nonane	**1.4**	2.1	0.35	**0.27**	0.41	0.067	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.1	0.31	<0.062	0.44	0.062	
80-56-8	alpha-Pinene	<0.33	2.1	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	<0.31	2.1	0.31	<0.062	0.44	0.062	
622-96-8	4-Ethyltoluene	<0.34	2.1	0.34	<0.069	0.44	0.069	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.1	0.31	<0.062	0.43	0.062	
95-63-6	1,2,4-Trimethylbenzene	**0.32**	2.1	0.29	**0.065**	0.44	0.060	**J**
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.092	0.84	0.092	
541-73-1	1,3-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.1	0.33	<0.054	0.36	0.054	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.36	0.052	
5989-27-5	d-Limonene	<0.44	2.1	0.44	<0.079	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.1	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	<0.52	2.1	0.52	<0.099	0.39	0.099	
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.21** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-012

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01343

Initial Pressure (psig): -1.34 Final Pressure (psig): 5.63

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.49	2.0	0.49	<0.29	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.0	0.33	**0.50**	0.41	0.067	
74-87-3	Chloromethane	<0.33	2.0	0.33	<0.16	0.98	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.32	2.0	0.32	<0.046	0.29	0.046	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.085	0.80	0.085	
106-99-0	1,3-Butadiene	<0.33	2.0	0.33	<0.15	0.91	0.15	
74-83-9	Bromomethane	<0.28	2.1	0.28	<0.072	0.53	0.072	
75-00-3	Chloroethane	<0.25	2.1	0.25	<0.095	0.78	0.095	
64-17-5	Ethanol	**160**	20	1.4	**87**	10	0.75	
75-05-8	Acetonitrile	**0.57**	2.0	0.49	**0.34**	1.2	0.29	**J**
107-02-8	Acrolein	**1.1**	3.8	0.57	**0.50**	1.7	0.25	**J**
67-64-1	Acetone	**16**	20	4.6	**6.6**	8.5	1.9	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**7.9**	2.0	0.31	**1.4**	0.36	0.055	
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.5**	8.0	0.84	**2.3**	3.2	0.34	**J**
107-13-1	Acrylonitrile	<0.42	2.0	0.42	<0.19	0.93	0.19	
75-35-4	1,1-Dichloroethene	<0.28	2.1	0.28	<0.071	0.52	0.071	
75-09-2	Methylene Chloride	**1.0**	2.0	0.57	**0.30**	0.58	0.16	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.27	2.1	0.27	<0.087	0.66	0.087	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**1.7**	2.1	0.29	**0.22**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	<0.61	4.2	0.61	<0.20	1.3	0.20	
156-60-5	trans-1,2-Dichloroethene	**1.5**	2.1	0.28	**0.38**	0.52	0.071	**J**
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.073	0.52	0.073	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.066	0.57	0.066	
108-05-4	Vinyl Acetate	<4.6	21	4.6	<1.3	5.8	1.3	
78-93-3	2-Butanone (MEK)	**2.3**	4.2	0.42	**0.77**	1.4	0.14	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.21** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-012

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01343

Initial Pressure (psig): -1.34 Final Pressure (psig): 5.63

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.0	0.29	<0.072	0.51	0.072	
141-78-6	Ethyl Acetate	**1.5**	4.2	1.1	**0.42**	1.2	0.30	**J**
110-54-3	n-Hexane	**1.6**	2.1	0.42	**0.45**	0.58	0.12	**J**
67-66-3	Chloroform	**7.9**	2.1	0.27	**1.6**	0.42	0.055	
109-99-9	Tetrahydrofuran (THF)	<0.25	2.1	0.25	<0.086	0.71	0.086	
107-06-2	1,2-Dichloroethane	<0.22	2.1	0.22	<0.055	0.51	0.055	
71-55-6	1,1,1-Trichloroethane	<0.25	2.1	0.25	<0.046	0.38	0.046	
71-43-2	Benzene	<0.29	2.0	0.29	<0.092	0.63	0.092	
56-23-5	Carbon Tetrachloride	<0.28	2.0	0.28	<0.045	0.32	0.045	
110-82-7	Cyclohexane	**3.6**	4.2	0.57	**1.1**	1.2	0.17	**J**
78-87-5	1,2-Dichloropropane	<0.25	2.1	0.25	<0.054	0.44	0.054	
75-27-4	Bromodichloromethane	<0.29	2.1	0.29	<0.044	0.31	0.044	
79-01-6	Trichloroethene	<0.27	2.1	0.27	<0.051	0.38	0.051	
123-91-1	1,4-Dioxane	<0.24	2.1	0.24	<0.066	0.57	0.066	
80-62-6	Methyl Methacrylate	<0.72	4.2	0.72	<0.18	1.0	0.18	
142-82-5	n-Heptane	**1.0**	2.1	0.32	**0.25**	0.50	0.079	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.070	0.44	0.070	
108-10-1	4-Methyl-2-pentanone	<0.28	2.0	0.28	<0.068	0.49	0.068	
10061-02-6	trans-1,3-Dichloropropene	<0.42	2.0	0.42	<0.092	0.44	0.092	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**18**	2.1	0.25	**4.6**	0.54	0.066	
591-78-6	2-Hexanone	<0.25	2.1	0.25	<0.061	0.50	0.061	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.031	0.24	0.031	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**12**	2.1	0.28	**2.4**	0.44	0.058	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.21** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-012

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01343

Initial Pressure (psig): -1.34 Final Pressure (psig): 5.63

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.79**	2.1	0.46	**0.17**	0.44	0.098	**J**
127-18-4	Tetrachloroethene	**1.3**	2.0	0.26	**0.19**	0.29	0.039	**J**
108-90-7	Chlorobenzene	<0.27	2.1	0.27	<0.059	0.45	0.059	
100-41-4	Ethylbenzene	**0.80**	2.1	0.29	**0.18**	0.47	0.066	**J**
179601-23-1	m,p-Xylenes	**2.8**	4.2	0.53	**0.64**	0.96	0.12	**J**
75-25-2	Bromoform	<0.42	2.1	0.42	<0.040	0.20	0.040	
100-42-5	Styrene	<0.33	2.0	0.33	<0.077	0.47	0.077	
95-47-6	o-Xylene	**0.92**	2.1	0.29	**0.21**	0.47	0.067	**J**
111-84-2	n-Nonane	**4.4**	2.1	0.34	**0.83**	0.39	0.064	
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.1	0.28	<0.041	0.30	0.041	
98-82-8	Cumene	<0.29	2.1	0.29	<0.060	0.42	0.060	
80-56-8	alpha-Pinene	**1.1**	2.1	0.31	**0.19**	0.37	0.056	**J**
103-65-1	n-Propylbenzene	**0.36**	2.1	0.29	**0.073**	0.42	0.060	**J**
622-96-8	4-Ethyltoluene	**0.44**	2.1	0.32	**0.089**	0.42	0.066	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.35**	2.0	0.29	**0.070**	0.41	0.060	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.3**	2.1	0.28	**0.26**	0.42	0.057	**J**
100-44-7	Benzyl Chloride	<0.46	4.2	0.46	<0.088	0.81	0.088	
541-73-1	1,3-Dichlorobenzene	<0.30	2.1	0.30	<0.051	0.34	0.051	
106-46-7	1,4-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.34	0.052	
95-50-1	1,2-Dichlorobenzene	<0.30	2.1	0.30	<0.050	0.34	0.050	
5989-27-5	d-Limonene	**0.55**	2.1	0.42	**0.099**	0.37	0.075	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.38	2.0	0.38	<0.039	0.21	0.039	
120-82-1	1,2,4-Trichlorobenzene	<0.49	2.1	0.49	<0.067	0.28	0.067	
91-20-3	Naphthalene	**0.62**	2.0	0.49	**0.12**	0.38	0.094	**J**
87-68-3	Hexachlorobutadiene	<0.42	2.0	0.42	<0.039	0.19	0.039	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.18** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-013

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00131

Initial Pressure (psig): -1.96 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.53	2.2	0.53	<0.31	1.3	0.31	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.2	0.36	**0.45**	0.44	0.072	
74-87-3	Chloromethane	**1.2**	2.2	0.35	**0.60**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.2	0.34	<0.049	0.31	0.049	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.091	0.87	0.091	
106-99-0	1,3-Butadiene	<0.36	2.2	0.36	<0.16	0.98	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.078	0.57	0.078	
75-00-3	Chloroethane	**0.60**	2.2	0.27	**0.23**	0.84	0.10	**J**
64-17-5	Ethanol	**1,500**	21	1.5	**800**	11	0.81	
75-05-8	Acetonitrile	**1.2**	2.2	0.53	**0.71**	1.3	0.32	**J**
107-02-8	Acrolein	**5.0**	4.1	0.62	**2.2**	1.8	0.27	
67-64-1	Acetone	**52**	22	4.9	**22**	9.2	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.7**	2.2	0.33	**0.30**	0.39	0.059	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**23**	8.6	0.90	**9.5**	3.5	0.37	
107-13-1	Acrylonitrile	<0.45	2.2	0.45	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-09-2	Methylene Chloride	**7.9**	2.2	0.62	**2.3**	0.63	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.2	0.30	<0.094	0.71	0.094	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.43**	2.2	0.31	**0.056**	0.29	0.041	**J**
75-15-0	Carbon Disulfide	**9.4**	4.5	0.66	**3.0**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	**0.48**	2.2	0.30	**0.12**	0.56	0.077	**J**
75-34-3	1,1-Dichloroethane	<0.32	2.3	0.32	<0.079	0.56	0.079	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.2	0.26	<0.072	0.61	0.072	
108-05-4	Vinyl Acetate	**23**	22	4.9	**6.6**	6.3	1.4	
78-93-3	2-Butanone (MEK)	**11**	4.5	0.45	**3.7**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.18** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-013

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00131

Initial Pressure (psig): -1.96 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.078	0.55	0.078	
141-78-6	Ethyl Acetate	**21**	4.5	1.1	**5.9**	1.3	0.32	
110-54-3	n-Hexane	**1.7**	2.2	0.45	**0.47**	0.63	0.13	**J**
67-66-3	Chloroform	**1.4**	2.2	0.29	**0.29**	0.45	0.060	**J**
109-99-9	Tetrahydrofuran (THF)	**0.57**	2.3	0.27	**0.19**	0.76	0.093	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.060	0.55	0.060	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.050	0.41	0.050	
71-43-2	Benzene	**0.66**	2.2	0.32	**0.21**	0.68	0.099	**J**
56-23-5	Carbon Tetrachloride	<0.30	2.2	0.30	<0.048	0.35	0.048	
110-82-7	Cyclohexane	**9.6**	4.5	0.62	**2.8**	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.059	0.48	0.059	
75-27-4	Bromodichloromethane	<0.32	2.2	0.32	<0.047	0.33	0.047	
79-01-6	Trichloroethene	<0.30	2.2	0.30	<0.055	0.41	0.055	
123-91-1	1,4-Dioxane	**0.75**	2.2	0.26	**0.21**	0.61	0.072	**J**
80-62-6	Methyl Methacrylate	<0.78	4.5	0.78	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.87**	2.2	0.35	**0.21**	0.54	0.085	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.1	0.34	<0.075	0.47	0.075	
108-10-1	4-Methyl-2-pentanone	**0.53**	2.2	0.30	**0.13**	0.53	0.073	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.45	2.2	0.45	<0.099	0.48	0.099	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.041	0.41	0.041	
108-88-3	Toluene	**51**	2.2	0.27	**13**	0.59	0.071	
591-78-6	2-Hexanone	**1.6**	2.2	0.27	**0.39**	0.54	0.066	**J**
124-48-1	Dibromochloromethane	<0.29	2.2	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.033	0.29	0.033	
123-86-4	n-Butyl Acetate	**3.4**	2.3	0.30	**0.73**	0.47	0.063	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.18** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-013

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00131

Initial Pressure (psig): -1.96 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.84**	2.2	0.49	**0.18**	0.47	0.11	**J**
127-18-4	Tetrachloroethene	**0.62**	2.1	0.28	**0.092**	0.31	0.042	**J**
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.063	0.48	0.063	
100-41-4	Ethylbenzene	**1.5**	2.2	0.31	**0.35**	0.51	0.071	**J**
179601-23-1	m,p-Xylenes	**5.1**	4.5	0.57	**1.2**	1.0	0.13	
75-25-2	Bromoform	<0.45	2.2	0.45	<0.044	0.21	0.044	
100-42-5	Styrene	<0.35	2.2	0.35	<0.083	0.51	0.083	
95-47-6	o-Xylene	**1.5**	2.2	0.32	**0.35**	0.51	0.073	**J**
111-84-2	n-Nonane	**2.5**	2.2	0.36	**0.47**	0.42	0.070	
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.044	0.32	0.044	
98-82-8	Cumene	<0.32	2.2	0.32	<0.064	0.45	0.064	
80-56-8	alpha-Pinene	<0.34	2.2	0.34	<0.060	0.40	0.060	
103-65-1	n-Propylbenzene	<0.32	2.2	0.32	<0.064	0.45	0.064	
622-96-8	4-Ethyltoluene	<0.35	2.2	0.35	<0.071	0.45	0.071	
108-67-8	1,3,5-Trimethylbenzene	<0.32	2.2	0.32	<0.064	0.44	0.064	
95-63-6	1,2,4-Trimethylbenzene	**1.0**	2.2	0.30	**0.21**	0.45	0.062	**J**
100-44-7	Benzyl Chloride	<0.49	4.5	0.49	<0.095	0.87	0.095	
541-73-1	1,3-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.37	0.055	
106-46-7	1,4-Dichlorobenzene	<0.34	2.2	0.34	<0.056	0.37	0.056	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.37	0.054	
5989-27-5	d-Limonene	<0.45	2.2	0.45	<0.081	0.40	0.081	
96-12-8	1,2-Dibromo-3-chloropropane	<0.41	2.2	0.41	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.53	2.2	0.53	<0.072	0.30	0.072	
91-20-3	Naphthalene	<0.53	2.1	0.53	<0.10	0.41	0.10	
87-68-3	Hexachlorobutadiene	<0.45	2.2	0.45	<0.042	0.20	0.042	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.36** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-014

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00900

Initial Pressure (psig): -2.01 Final Pressure (psig): 5.47

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	2.1	0.52	**0.68**	1.2	0.30	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.1	0.35	**0.46**	0.43	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.1	0.23	<0.089	0.84	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.95	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.076	0.55	0.076	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.099	0.81	0.099	
64-17-5	Ethanol	**57**	21	1.5	**30**	11	0.78	
75-05-8	Acetonitrile	<0.52	2.1	0.52	<0.31	1.3	0.31	
107-02-8	Acrolein	**1.1**	4.0	0.60	**0.49**	1.7	0.26	**J**
67-64-1	Acetone	**14**	21	4.8	**6.1**	8.9	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	2.1	0.32	**0.24**	0.38	0.057	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	8.3	0.87	**0.92**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.97	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-09-2	Methylene Chloride	<0.60	2.1	0.60	<0.17	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.1	0.29	<0.091	0.69	0.091	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.48**	2.1	0.30	**0.063**	0.28	0.039	**J**
75-15-0	Carbon Disulfide	**3.9**	4.4	0.64	**1.2**	1.4	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.1	0.25	<0.069	0.60	0.069	
108-05-4	Vinyl Acetate	<4.8	21	4.8	<1.4	6.1	1.4	
78-93-3	2-Butanone (MEK)	**7.4**	4.4	0.44	**2.5**	1.5	0.15	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.36** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-014

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00900

Initial Pressure (psig): -2.01 Final Pressure (psig): 5.47

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.075	0.53	0.075	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.1	0.44	<0.12	0.61	0.12	
67-66-3	Chloroform	**12**	2.1	0.28	**2.4**	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.090	0.74	0.090	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.048	0.39	0.048	
71-43-2	Benzene	**0.51**	2.1	0.31	**0.16**	0.66	0.096	**J**
56-23-5	Carbon Tetrachloride	<0.29	2.1	0.29	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.057	0.46	0.057	
75-27-4	Bromodichloromethane	**0.47**	2.1	0.31	**0.069**	0.32	0.046	**J**
79-01-6	Trichloroethene	<0.29	2.1	0.29	<0.053	0.40	0.053	
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.18	1.1	0.18	
142-82-5	n-Heptane	<0.34	2.1	0.34	<0.082	0.52	0.082	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	<0.29	2.1	0.29	<0.071	0.51	0.071	
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.096	0.46	0.096	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**1.8**	2.1	0.26	**0.47**	0.57	0.069	**J**
591-78-6	2-Hexanone	**3.2**	2.1	0.26	**0.79**	0.52	0.064	
124-48-1	Dibromochloromethane	<0.28	2.1	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.1	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	<0.29	2.2	0.29	<0.061	0.46	0.061	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.36** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-014

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00900

Initial Pressure (psig): -2.01 Final Pressure (psig): 5.47

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.73**	2.1	0.48	**0.16**	0.46	0.10	**J**
127-18-4	Tetrachloroethene	<0.27	2.1	0.27	<0.040	0.30	0.040	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.061	0.47	0.061	
100-41-4	Ethylbenzene	**0.62**	2.1	0.30	**0.14**	0.49	0.069	**J**
179601-23-1	m,p-Xylenes	**2.0**	4.4	0.56	**0.46**	1.0	0.13	**J**
75-25-2	Bromoform	<0.44	2.1	0.44	<0.042	0.21	0.042	
100-42-5	Styrene	<0.34	2.1	0.34	<0.080	0.50	0.080	
95-47-6	o-Xylene	**0.61**	2.1	0.31	**0.14**	0.49	0.070	**J**
111-84-2	n-Nonane	**2.4**	2.1	0.35	**0.46**	0.41	0.067	
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.1	0.31	<0.062	0.44	0.062	
80-56-8	alpha-Pinene	<0.33	2.1	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	**0.35**	2.1	0.31	**0.071**	0.44	0.062	**J**
622-96-8	4-Ethyltoluene	<0.34	2.1	0.34	<0.069	0.44	0.069	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.1	0.31	<0.062	0.43	0.062	
95-63-6	1,2,4-Trimethylbenzene	**1.1**	2.1	0.29	**0.23**	0.44	0.060	**J**
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.092	0.84	0.092	
541-73-1	1,3-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.1	0.33	<0.054	0.36	0.054	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.36	0.052	
5989-27-5	d-Limonene	**1.1**	2.1	0.44	**0.20**	0.39	0.079	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.1	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	<0.52	2.1	0.52	<0.099	0.39	0.099	
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-14.6** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-015

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00507

Initial Pressure (psig): -0.20 Final Pressure (psig): 7.61

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.50	2.0	0.50	<0.29	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.0	0.33	**0.47**	0.41	0.068	
74-87-3	Chloromethane	<0.33	2.0	0.33	<0.16	0.99	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.32	2.0	0.32	<0.046	0.29	0.046	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.086	0.81	0.086	
106-99-0	1,3-Butadiene	<0.34	2.0	0.34	<0.15	0.92	0.15	
74-83-9	Bromomethane	<0.28	2.1	0.28	<0.073	0.54	0.073	
75-00-3	Chloroethane	<0.25	2.1	0.25	<0.096	0.79	0.096	
64-17-5	Ethanol	**140**	20	1.4	**74**	11	0.76	
75-05-8	Acetonitrile	**0.56**	2.0	0.50	**0.33**	1.2	0.30	**J**
107-02-8	Acrolein	**3.2**	3.9	0.58	**1.4**	1.7	0.25	**J**
67-64-1	Acetone	**61**	20	4.6	**26**	8.6	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.7**	2.0	0.31	**0.31**	0.36	0.056	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**20**	8.1	0.85	**8.1**	3.3	0.34	
107-13-1	Acrylonitrile	**0.47**	2.0	0.42	**0.22**	0.94	0.20	**J**
75-35-4	1,1-Dichloroethene	<0.28	2.1	0.28	<0.072	0.52	0.072	
75-09-2	Methylene Chloride	**2.1**	2.0	0.58	**0.60**	0.59	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.089	0.66	0.089	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	2.1	0.29	**0.059**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**2.8**	4.2	0.62	**0.89**	1.4	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	**6.7**	2.1	0.28	**1.7**	0.52	0.072	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.074	0.52	0.074	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.067	0.58	0.067	
108-05-4	Vinyl Acetate	<4.6	21	4.6	<1.3	5.9	1.3	
78-93-3	2-Butanone (MEK)	**5.0**	4.2	0.42	**1.7**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-14.6** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-015

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00507

Initial Pressure (psig): -0.20 Final Pressure (psig): 7.61

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.0	0.29	<0.073	0.51	0.073	
141-78-6	Ethyl Acetate	**4.6**	4.2	1.1	**1.3**	1.2	0.30	
110-54-3	n-Hexane	**5.9**	2.1	0.42	**1.7**	0.59	0.12	
67-66-3	Chloroform	**1.0**	2.1	0.27	**0.21**	0.43	0.056	**J**
109-99-9	Tetrahydrofuran (THF)	**0.42**	2.1	0.26	**0.14**	0.72	0.087	**J**
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.056	0.51	0.056	
71-55-6	1,1,1-Trichloroethane	<0.25	2.1	0.25	<0.047	0.38	0.047	
71-43-2	Benzene	**0.64**	2.0	0.30	**0.20**	0.64	0.093	**J**
56-23-5	Carbon Tetrachloride	<0.28	2.0	0.28	<0.045	0.32	0.045	
110-82-7	Cyclohexane	**16**	4.2	0.58	**4.7**	1.2	0.17	
78-87-5	1,2-Dichloropropane	**0.56**	2.1	0.25	**0.12**	0.45	0.055	**J**
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.044	0.31	0.044	
79-01-6	Trichloroethene	<0.28	2.1	0.28	<0.052	0.39	0.052	
123-91-1	1,4-Dioxane	<0.24	2.1	0.24	<0.067	0.58	0.067	
80-62-6	Methyl Methacrylate	<0.73	4.2	0.73	<0.18	1.0	0.18	
142-82-5	n-Heptane	**3.4**	2.1	0.33	**0.82**	0.51	0.080	
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.070	0.44	0.070	
108-10-1	4-Methyl-2-pentanone	<0.28	2.0	0.28	<0.069	0.50	0.069	
10061-02-6	trans-1,3-Dichloropropene	<0.42	2.0	0.42	<0.093	0.45	0.093	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**51**	2.1	0.25	**13**	0.55	0.066	
591-78-6	2-Hexanone	<0.25	2.1	0.25	<0.062	0.51	0.062	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.24	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**43**	2.1	0.28	**9.0**	0.45	0.059	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-14.6** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-015

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00507

Initial Pressure (psig): -0.20 Final Pressure (psig): 7.61

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.5**	2.1	0.46	**0.32**	0.45	0.099	**J**
127-18-4	Tetrachloroethene	**0.28**	2.0	0.27	**0.042**	0.30	0.039	**J**
108-90-7	Chlorobenzene	<0.27	2.1	0.27	<0.059	0.45	0.059	
100-41-4	Ethylbenzene	**0.92**	2.1	0.29	**0.21**	0.48	0.067	**J**
179601-23-1	m,p-Xylenes	**3.4**	4.2	0.54	**0.78**	0.98	0.12	**J**
75-25-2	Bromoform	<0.42	2.1	0.42	<0.041	0.20	0.041	
100-42-5	Styrene	**0.40**	2.0	0.33	**0.093**	0.48	0.078	**J**
95-47-6	o-Xylene	**1.0**	2.1	0.30	**0.23**	0.48	0.068	**J**
111-84-2	n-Nonane	**2.4**	2.1	0.34	**0.46**	0.40	0.065	
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.1	0.28	<0.042	0.30	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.060	0.42	0.060	
80-56-8	alpha-Pinene	**2.3**	2.1	0.32	**0.42**	0.37	0.057	
103-65-1	n-Propylbenzene	**0.31**	2.1	0.30	**0.063**	0.42	0.060	**J**
622-96-8	4-Ethyltoluene	<0.33	2.1	0.33	<0.067	0.42	0.067	
108-67-8	1,3,5-Trimethylbenzene	<0.30	2.0	0.30	<0.060	0.42	0.060	
95-63-6	1,2,4-Trimethylbenzene	**0.80**	2.1	0.28	**0.16**	0.42	0.058	**J**
100-44-7	Benzyl Chloride	<0.46	4.2	0.46	<0.089	0.82	0.089	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.30	2.1	0.30	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**0.68**	2.1	0.42	**0.12**	0.37	0.076	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.0	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.067	0.28	0.067	
91-20-3	Naphthalene	<0.50	2.0	0.50	<0.096	0.38	0.096	
87-68-3	Hexachlorobutadiene	<0.42	2.0	0.42	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6.10** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-016

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SC00373

Initial Pressure (psig): -0.03 Final Pressure (psig): 8.08

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<5.0	21	5.0	<2.9	12	2.9	
75-71-8	Dichlorodifluoromethane (CFC 12)	**7.8**	21	3.4	**1.6**	4.2	0.68	**J**
74-87-3	Chloromethane	<3.3	21	3.3	<1.6	9.9	1.6	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<3.3	21	3.3	<0.47	2.9	0.47	
75-01-4	Vinyl Chloride	<2.2	21	2.2	<0.86	8.2	0.86	
106-99-0	1,3-Butadiene	<3.4	21	3.4	<1.5	9.3	1.5	
74-83-9	Bromomethane	<2.9	21	2.9	<0.74	5.4	0.74	
75-00-3	Chloroethane	<2.6	21	2.6	<0.97	7.9	0.97	
64-17-5	Ethanol	**200**	200	14	**100**	110	7.6	**J**
75-05-8	Acetonitrile	<5.0	21	5.0	<3.0	12	3.0	
107-02-8	Acrolein	<5.8	39	5.8	<2.5	17	2.5	
67-64-1	Acetone	**69**	210	47	**29**	86	20	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**26,000**	410	63	**4,600**	73	11	**D**
67-63-0	2-Propanol (Isopropyl Alcohol)	<8.5	81	8.5	<3.5	33	3.5	
107-13-1	Acrylonitrile	<4.3	21	4.3	<2.0	9.5	2.0	
75-35-4	1,1-Dichloroethene	<2.9	21	2.9	<0.72	5.3	0.72	
75-09-2	Methylene Chloride	<5.8	21	5.8	<1.7	5.9	1.7	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<2.8	21	2.8	<0.89	6.7	0.89	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**110**	21	2.9	**15**	2.7	0.38	
75-15-0	Carbon Disulfide	**97**	43	6.2	**31**	14	2.0	
156-60-5	trans-1,2-Dichloroethene	**19**	21	2.9	**4.9**	5.3	0.72	**J**
75-34-3	1,1-Dichloroethane	<3.0	21	3.0	<0.75	5.3	0.75	
1634-04-4	Methyl tert-Butyl Ether	<2.4	21	2.4	<0.68	5.8	0.68	
108-05-4	Vinyl Acetate	<47	210	47	<13	59	13	
78-93-3	2-Butanone (MEK)	**7.7**	43	4.3	**2.6**	14	1.4	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6.10** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-016

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SC00373

Initial Pressure (psig): -0.03 Final Pressure (psig): 8.08

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<2.9	21	2.9	<0.73	5.2	0.73	
141-78-6	Ethyl Acetate	**11**	43	11	**3.1**	12	3.0	**J**
110-54-3	n-Hexane	**10**	21	4.3	**2.9**	5.9	1.2	**J**
67-66-3	Chloroform	**5.3**	21	2.8	**1.1**	4.3	0.56	**J**
109-99-9	Tetrahydrofuran (THF)	<2.6	21	2.6	<0.88	7.2	0.88	
107-06-2	1,2-Dichloroethane	<2.3	21	2.3	<0.57	5.2	0.57	
71-55-6	1,1,1-Trichloroethane	**3.8**	21	2.6	**0.70**	3.8	0.47	**J**
71-43-2	Benzene	<3.0	21	3.0	<0.93	6.4	0.93	
56-23-5	Carbon Tetrachloride	<2.9	21	2.9	<0.46	3.3	0.46	
110-82-7	Cyclohexane	**47**	43	5.8	**14**	12	1.7	
78-87-5	1,2-Dichloropropane	**5.2**	21	2.6	**1.1**	4.5	0.55	**J**
75-27-4	Bromodichloromethane	<3.0	21	3.0	<0.45	3.1	0.45	
79-01-6	Trichloroethene	<2.8	21	2.8	<0.52	3.9	0.52	
123-91-1	1,4-Dioxane	<2.4	21	2.4	<0.68	5.8	0.68	
80-62-6	Methyl Methacrylate	<7.4	43	7.4	<1.8	10	1.8	
142-82-5	n-Heptane	**5.9**	21	3.3	**1.4**	5.1	0.80	**J**
10061-01-5	cis-1,3-Dichloropropene	<3.2	20	3.2	<0.71	4.4	0.71	
108-10-1	4-Methyl-2-pentanone	<2.8	21	2.8	<0.69	5.0	0.69	
10061-02-6	trans-1,3-Dichloropropene	<4.3	21	4.3	<0.94	4.5	0.94	
79-00-5	1,1,2-Trichloroethane	<2.1	21	2.1	<0.38	3.8	0.38	
108-88-3	Toluene	**110**	21	2.5	**30**	5.6	0.67	
591-78-6	2-Hexanone	<2.6	21	2.6	<0.62	5.1	0.62	
124-48-1	Dibromochloromethane	<2.7	21	2.7	<0.32	2.5	0.32	
106-93-4	1,2-Dibromoethane	<2.4	21	2.4	<0.31	2.7	0.31	
123-86-4	n-Butyl Acetate	**31**	21	2.8	**6.6**	4.5	0.60	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6.10** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-016

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SC00373

Initial Pressure (psig): -0.03 Final Pressure (psig): 8.08

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<4.7	21	4.7	<1.0	4.5	1.0	
127-18-4	Tetrachloroethene	<2.7	20	2.7	<0.39	3.0	0.39	
108-90-7	Chlorobenzene	<2.8	21	2.8	<0.60	4.5	0.60	
100-41-4	Ethylbenzene	<2.9	21	2.9	<0.67	4.8	0.67	
179601-23-1	m,p-Xylenes	<5.4	43	5.4	<1.2	9.8	1.2	
75-25-2	Bromoform	<4.3	21	4.3	<0.41	2.0	0.41	
100-42-5	Styrene	<3.3	21	3.3	<0.78	4.8	0.78	
95-47-6	o-Xylene	<3.0	21	3.0	<0.69	4.8	0.69	
111-84-2	n-Nonane	<3.4	21	3.4	<0.66	4.0	0.66	
79-34-5	1,1,2,2-Tetrachloroethane	<2.9	21	2.9	<0.42	3.0	0.42	
98-82-8	Cumene	<3.0	21	3.0	<0.61	4.3	0.61	
80-56-8	alpha-Pinene	**6.2**	21	3.2	**1.1**	3.8	0.57	**J**
103-65-1	n-Propylbenzene	<3.0	21	3.0	<0.61	4.3	0.61	
622-96-8	4-Ethyltoluene	<3.3	21	3.3	<0.67	4.3	0.67	
108-67-8	1,3,5-Trimethylbenzene	<3.0	21	3.0	<0.61	4.2	0.61	
95-63-6	1,2,4-Trimethylbenzene	<2.9	21	2.9	<0.58	4.3	0.58	
100-44-7	Benzyl Chloride	<4.7	43	4.7	<0.90	8.2	0.90	
541-73-1	1,3-Dichlorobenzene	<3.1	21	3.1	<0.52	3.5	0.52	
106-46-7	1,4-Dichlorobenzene	<3.2	21	3.2	<0.53	3.5	0.53	
95-50-1	1,2-Dichlorobenzene	<3.1	21	3.1	<0.51	3.5	0.51	
5989-27-5	d-Limonene	<4.3	21	4.3	<0.77	3.8	0.77	
96-12-8	1,2-Dibromo-3-chloropropane	<3.9	21	3.9	<0.40	2.1	0.40	
120-82-1	1,2,4-Trichlorobenzene	<5.0	21	5.0	<0.68	2.8	0.68	
91-20-3	Naphthalene	<5.0	20	5.0	<0.96	3.8	0.96	
87-68-3	Hexachlorobutadiene	<4.3	21	4.3	<0.40	1.9	0.40	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6.13** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-017

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SS00896

Initial Pressure (psig): -1.90 Final Pressure (psig): 5.73

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**15**	21	5.2	**8.7**	12	3.0	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.4**	21	3.5	**1.3**	4.3	0.70	**J**
74-87-3	Chloromethane	<3.4	21	3.4	<1.7	10	1.7	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<3.4	21	3.4	<0.48	3.0	0.48	
75-01-4	Vinyl Chloride	<2.3	22	2.3	<0.89	8.5	0.89	
106-99-0	1,3-Butadiene	<3.5	21	3.5	<1.6	9.6	1.6	
74-83-9	Bromomethane	<3.0	22	3.0	<0.76	5.6	0.76	
75-00-3	Chloroethane	<2.6	22	2.6	<1.0	8.2	1.0	
64-17-5	Ethanol	**28**	210	15	**15**	110	7.9	**J**
75-05-8	Acetonitrile	<5.2	21	5.2	<3.1	13	3.1	
107-02-8	Acrolein	<6.0	40	6.0	<2.6	17	2.6	
67-64-1	Acetone	<48	210	48	<20	89	20	
75-69-4	Trichlorofluoromethane (CFC 11)	**33,000**	420	65	**5,800**	75	12	**D**
67-63-0	2-Propanol (Isopropyl Alcohol)	<8.8	84	8.8	<3.6	34	3.6	
107-13-1	Acrylonitrile	<4.4	21	4.4	<2.0	9.8	2.0	
75-35-4	1,1-Dichloroethene	<3.0	22	3.0	<0.75	5.5	0.75	
75-09-2	Methylene Chloride	<6.0	21	6.0	<1.7	6.1	1.7	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<2.9	22	2.9	<0.92	6.9	0.92	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**790**	22	3.0	**100**	2.8	0.40	
75-15-0	Carbon Disulfide	**7.0**	44	6.4	**2.2**	14	2.1	**J**
156-60-5	trans-1,2-Dichloroethene	<3.0	22	3.0	<0.75	5.5	0.75	
75-34-3	1,1-Dichloroethane	<3.1	22	3.1	<0.77	5.4	0.77	
1634-04-4	Methyl tert-Butyl Ether	<2.5	22	2.5	<0.70	6.0	0.70	
108-05-4	Vinyl Acetate	<48	220	48	<14	61	14	
78-93-3	2-Butanone (MEK)	<4.4	44	4.4	<1.5	15	1.5	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6.13** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-017

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SS00896

Initial Pressure (psig): -1.90 Final Pressure (psig): 5.73

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<3.0	21	3.0	<0.76	5.3	0.76	
141-78-6	Ethyl Acetate	<11	44	11	<3.1	12	3.1	
110-54-3	n-Hexane	<4.4	22	4.4	<1.2	6.1	1.2	
67-66-3	Chloroform	<2.8	22	2.8	<0.58	4.4	0.58	
109-99-9	Tetrahydrofuran (THF)	<2.7	22	2.7	<0.91	7.5	0.91	
107-06-2	1,2-Dichloroethane	<2.4	22	2.4	<0.58	5.3	0.58	
71-55-6	1,1,1-Trichloroethane	<2.6	22	2.6	<0.48	4.0	0.48	
71-43-2	Benzene	<3.1	21	3.1	<0.96	6.6	0.96	
56-23-5	Carbon Tetrachloride	<3.0	21	3.0	<0.47	3.4	0.47	
110-82-7	Cyclohexane	<6.0	44	6.0	<1.7	13	1.7	
78-87-5	1,2-Dichloropropane	<2.6	22	2.6	<0.57	4.7	0.57	
75-27-4	Bromodichloromethane	<3.1	22	3.1	<0.46	3.2	0.46	
79-01-6	Trichloroethene	<2.9	22	2.9	<0.54	4.0	0.54	
123-91-1	1,4-Dioxane	<2.5	22	2.5	<0.70	6.0	0.70	
80-62-6	Methyl Methacrylate	<7.6	44	7.6	<1.9	11	1.9	
142-82-5	n-Heptane	<3.4	22	3.4	<0.83	5.3	0.83	
10061-01-5	cis-1,3-Dichloropropene	<3.3	21	3.3	<0.73	4.6	0.73	
108-10-1	4-Methyl-2-pentanone	<2.9	21	2.9	<0.71	5.2	0.71	
10061-02-6	trans-1,3-Dichloropropene	<4.4	21	4.4	<0.97	4.7	0.97	
79-00-5	1,1,2-Trichloroethane	<2.2	22	2.2	<0.40	4.0	0.40	
108-88-3	Toluene	**7.9**	22	2.6	**2.1**	5.7	0.69	**J**
591-78-6	2-Hexanone	<2.6	22	2.6	<0.64	5.3	0.64	
124-48-1	Dibromochloromethane	<2.8	22	2.8	<0.33	2.5	0.33	
106-93-4	1,2-Dibromoethane	<2.5	22	2.5	<0.32	2.8	0.32	
123-86-4	n-Butyl Acetate	<2.9	22	2.9	<0.61	4.6	0.61	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-6.13** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-017

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SS00896

Initial Pressure (psig): -1.90 Final Pressure (psig): 5.73

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<4.8	22	4.8	<1.0	4.6	1.0	
127-18-4	Tetrachloroethene	**6.8**	21	2.8	**1.0**	3.1	0.41	**J**
108-90-7	Chlorobenzene	<2.8	22	2.8	<0.62	4.7	0.62	
100-41-4	Ethylbenzene	<3.0	22	3.0	<0.69	5.0	0.69	
179601-23-1	m,p-Xylenes	<5.6	44	5.6	<1.3	10	1.3	
75-25-2	Bromoform	<4.4	22	4.4	<0.43	2.1	0.43	
100-42-5	Styrene	<3.4	21	3.4	<0.81	5.0	0.81	
95-47-6	o-Xylene	<3.1	22	3.1	<0.71	5.0	0.71	
111-84-2	n-Nonane	<3.6	22	3.6	<0.68	4.1	0.68	
79-34-5	1,1,2,2-Tetrachloroethane	<3.0	22	3.0	<0.43	3.1	0.43	
98-82-8	Cumene	<3.1	22	3.1	<0.63	4.4	0.63	
80-56-8	alpha-Pinene	<3.3	22	3.3	<0.59	3.9	0.59	
103-65-1	n-Propylbenzene	<3.1	22	3.1	<0.63	4.4	0.63	
622-96-8	4-Ethyltoluene	<3.4	22	3.4	<0.69	4.4	0.69	
108-67-8	1,3,5-Trimethylbenzene	<3.1	21	3.1	<0.63	4.3	0.63	
95-63-6	1,2,4-Trimethylbenzene	<3.0	22	3.0	<0.60	4.4	0.60	
100-44-7	Benzyl Chloride	<4.8	44	4.8	<0.93	8.5	0.93	
541-73-1	1,3-Dichlorobenzene	<3.2	22	3.2	<0.53	3.6	0.53	
106-46-7	1,4-Dichlorobenzene	<3.3	22	3.3	<0.55	3.6	0.55	
95-50-1	1,2-Dichlorobenzene	<3.2	22	3.2	<0.53	3.6	0.53	
5989-27-5	d-Limonene	**8.0**	22	4.4	**1.4**	3.9	0.79	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<4.0	21	4.0	<0.41	2.2	0.41	
120-82-1	1,2,4-Trichlorobenzene	<5.2	22	5.2	<0.70	2.9	0.70	
91-20-3	Naphthalene	<5.2	21	5.2	<0.99	4.0	0.99	
87-68-3	Hexachlorobutadiene	<4.4	21	4.4	<0.41	2.0	0.41	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-018

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00133

Initial Pressure (psig): -0.64 Final Pressure (psig): 6.05

Canister Dilution Factor: 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.50**	2.0	0.48	**0.29**	1.1	0.28	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.0	0.32	**0.46**	0.40	0.065	
74-87-3	Chloromethane	**1.3**	2.0	0.32	**0.62**	0.95	0.15	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.31	2.0	0.31	<0.044	0.28	0.044	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.083	0.78	0.083	
106-99-0	1,3-Butadiene	<0.33	2.0	0.33	<0.15	0.89	0.15	
74-83-9	Bromomethane	<0.27	2.0	0.27	<0.071	0.51	0.071	
75-00-3	Chloroethane	<0.24	2.0	0.24	<0.093	0.76	0.093	
64-17-5	Ethanol	**13**	19	1.4	**6.7**	10	0.73	**J**
75-05-8	Acetonitrile	**0.75**	2.0	0.48	**0.45**	1.2	0.29	**J**
107-02-8	Acrolein	**1.4**	3.7	0.56	**0.61**	1.6	0.24	**J**
67-64-1	Acetone	**21**	20	4.4	**8.9**	8.3	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**26**	2.0	0.30	**4.6**	0.35	0.053	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.81	7.8	0.81	<0.33	3.2	0.33	
107-13-1	Acrylonitrile	<0.41	2.0	0.41	<0.19	0.90	0.19	
75-35-4	1,1-Dichloroethene	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-09-2	Methylene Chloride	<0.56	2.0	0.56	<0.16	0.56	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.27	2.0	0.27	<0.085	0.64	0.085	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.91**	2.0	0.28	**0.12**	0.26	0.037	**J**
75-15-0	Carbon Disulfide	<0.59	4.1	0.59	<0.19	1.3	0.19	
156-60-5	trans-1,2-Dichloroethene	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-34-3	1,1-Dichloroethane	<0.29	2.0	0.29	<0.071	0.50	0.071	
1634-04-4	Methyl tert-Butyl Ether	<0.23	2.0	0.23	<0.065	0.55	0.065	
108-05-4	Vinyl Acetate	**5.8**	20	4.4	**1.7**	5.7	1.3	**J**
78-93-3	2-Butanone (MEK)	**4.0**	4.1	0.41	**1.3**	1.4	0.14	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-018

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00133

Initial Pressure (psig): -0.64 Final Pressure (psig): 6.05

Canister Dilution Factor: 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.28	2.0	0.28	<0.070	0.49	0.070	
141-78-6	Ethyl Acetate	<1.0	4.1	1.0	<0.29	1.1	0.29	
110-54-3	n-Hexane	<0.41	2.0	0.41	<0.12	0.57	0.12	
67-66-3	Chloroform	<0.26	2.0	0.26	<0.054	0.41	0.054	
109-99-9	Tetrahydrofuran (THF)	<0.25	2.0	0.25	<0.084	0.69	0.084	
107-06-2	1,2-Dichloroethane	<0.22	2.0	0.22	<0.054	0.49	0.054	
71-55-6	1,1,1-Trichloroethane	<0.24	2.0	0.24	<0.045	0.37	0.045	
71-43-2	Benzene	<0.28	2.0	0.28	<0.089	0.61	0.089	
56-23-5	Carbon Tetrachloride	**0.30**	2.0	0.27	**0.048**	0.31	0.044	**J**
110-82-7	Cyclohexane	<0.56	4.1	0.56	<0.16	1.2	0.16	
78-87-5	1,2-Dichloropropane	<0.24	2.0	0.24	<0.053	0.43	0.053	
75-27-4	Bromodichloromethane	<0.28	2.0	0.28	<0.043	0.30	0.043	
79-01-6	Trichloroethene	<0.27	2.0	0.27	<0.050	0.37	0.050	
123-91-1	1,4-Dioxane	<0.23	2.0	0.23	<0.065	0.55	0.065	
80-62-6	Methyl Methacrylate	<0.70	4.1	0.70	<0.17	0.99	0.17	
142-82-5	n-Heptane	<0.31	2.0	0.31	<0.077	0.49	0.077	
10061-01-5	cis-1,3-Dichloropropene	<0.31	1.9	0.31	<0.068	0.42	0.068	
108-10-1	4-Methyl-2-pentanone	<0.27	2.0	0.27	<0.066	0.48	0.066	
10061-02-6	trans-1,3-Dichloropropene	<0.41	2.0	0.41	<0.090	0.43	0.090	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.037	0.37	0.037	
108-88-3	Toluene	**0.91**	2.0	0.24	**0.24**	0.53	0.064	**J**
591-78-6	2-Hexanone	**0.69**	2.0	0.24	**0.17**	0.49	0.060	**J**
124-48-1	Dibromochloromethane	<0.26	2.0	0.26	<0.030	0.23	0.030	
106-93-4	1,2-Dibromoethane	<0.23	2.0	0.23	<0.030	0.26	0.030	
123-86-4	n-Butyl Acetate	**0.37**	2.0	0.27	**0.079**	0.43	0.057	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P2002238-018

Test Code: EPA TO-15 Date Collected: 4/21/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/23/20
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00133

Initial Pressure (psig): -0.64 Final Pressure (psig): 6.05

Canister Dilution Factor: 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.44	2.0	0.44	<0.095	0.43	0.095	
127-18-4	Tetrachloroethene	<0.26	1.9	0.26	<0.038	0.28	0.038	
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.057	0.43	0.057	
100-41-4	Ethylbenzene	<0.28	2.0	0.28	<0.064	0.46	0.064	
179601-23-1	m,p-Xylenes	<0.52	4.1	0.52	<0.12	0.94	0.12	
75-25-2	Bromoform	<0.41	2.0	0.41	<0.039	0.19	0.039	
100-42-5	Styrene	<0.32	2.0	0.32	<0.075	0.46	0.075	
95-47-6	o-Xylene	<0.28	2.0	0.28	<0.066	0.46	0.066	
111-84-2	n-Nonane	**0.74**	2.0	0.33	**0.14**	0.38	0.063	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.27	2.0	0.27	<0.040	0.29	0.040	
98-82-8	Cumene	<0.28	2.0	0.28	<0.058	0.41	0.058	
80-56-8	alpha-Pinene	<0.30	2.0	0.30	<0.054	0.36	0.054	
103-65-1	n-Propylbenzene	<0.28	2.0	0.28	<0.058	0.41	0.058	
622-96-8	4-Ethyltoluene	<0.31	2.0	0.31	<0.064	0.41	0.064	
108-67-8	1,3,5-Trimethylbenzene	<0.28	2.0	0.28	<0.058	0.40	0.058	
95-63-6	1,2,4-Trimethylbenzene	<0.27	2.0	0.27	<0.056	0.41	0.056	
100-44-7	Benzyl Chloride	<0.44	4.1	0.44	<0.086	0.79	0.086	
541-73-1	1,3-Dichlorobenzene	<0.30	2.0	0.30	<0.049	0.33	0.049	
106-46-7	1,4-Dichlorobenzene	<0.30	2.0	0.30	<0.050	0.33	0.050	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.049	0.33	0.049	
5989-27-5	d-Limonene	<0.41	2.0	0.41	<0.073	0.36	0.073	
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	2.0	0.37	<0.038	0.20	0.038	
120-82-1	1,2,4-Trichlorobenzene	<0.48	2.0	0.48	<0.065	0.27	0.065	
91-20-3	Naphthalene	<0.48	1.9	0.48	<0.092	0.37	0.092	
87-68-3	Hexachlorobutadiene	<0.41	2.0	0.41	<0.038	0.18	0.038	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Project ID: P2002238

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/20 - 4/21/20
Analyst: Wida Ang Date(s) Received: 4/23/20
Sample Type: 1.0 L Summa Canister(s) Date(s) Analyzed: 5/7 - 5/8/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200507-MB	**92**	**103**	**109**	70-130	
Method Blank	P200508-MB	**97**	**99**	**106**	70-130	
Lab Control Sample	P200507-LCS	**89**	**105**	**115**	70-130	
Lab Control Sample	P200508-LCS	**93**	**101**	**109**	70-130	
SG-2.8	P2002238-001	**97**	**100**	**104**	70-130	
AB	P2002238-002	**96**	**100**	**103**	70-130	
SG-2.12	P2002238-003	**97**	**100**	**104**	70-130	
SG-2.13	P2002238-004	**96**	**100**	**103**	70-130	
SG-2.6	P2002238-005	**96**	**100**	**104**	70-130	
SG-2.19	P2002238-006	**95**	**101**	**103**	70-130	
SG-13.4	P2002238-007	**94**	**102**	**103**	70-130	
SG-13.14	P2002238-008	**95**	**102**	**102**	70-130	
SG-13.10	P2002238-009	**96**	**101**	**103**	70-130	
SG-15.31	P2002238-010	**96**	**101**	**104**	70-130	
SG-15.30	P2002238-011	**97**	**101**	**106**	70-130	
SG-15.21	P2002238-012	**96**	**99**	**107**	70-130	
SG-15.18	P2002238-013	**94**	**99**	**108**	70-130	
SG-15.36	P2002238-014	**96**	**99**	**109**	70-130	
SG-14.6	P2002238-015	**95**	**100**	**110**	70-130	
SG-6.10	P2002238-016	**94**	**100**	**107**	70-130	
SG-6.13	P2002238-017	**95**	**100**	**106**	70-130	
AB	P2002238-018	**94**	**99**	**106**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

Revised Page

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200507-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**210**	**100**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**211**	**100**	64-115	
74-87-3	Chloromethane	212	**238**	**112**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**211**	**102**	65-114	
75-01-4	Vinyl Chloride	212	**223**	**105**	61-129	
106-99-0	1,3-Butadiene	212	**224**	**106**	54-140	
74-83-9	Bromomethane	212	**213**	**100**	68-120	
75-00-3	Chloroethane	214	**200**	**93**	63-123	
64-17-5	Ethanol	1,060	**890**	**84**	49-134	
75-05-8	Acetonitrile	214	**165**	**77**	50-137	
107-02-8	Acrolein	206	**225**	**109**	62-128	
67-64-1	Acetone	1,070	**890**	**83**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**195**	**92**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**395**	**94**	57-133	
107-13-1	Acrylonitrile	212	**182**	**86**	64-136	
75-35-4	1,1-Dichloroethene	214	**212**	**99**	67-115	
75-09-2	Methylene Chloride	210	**188**	**90**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**171**	**80**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**214**	**99**	65-115	
75-15-0	Carbon Disulfide	212	**181**	**85**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**198**	**93**	65-122	
75-34-3	1,1-Dichloroethane	212	**185**	**87**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**240**	**112**	57-131	
108-05-4	Vinyl Acetate	1,070	**1090**	**102**	71-128	
78-93-3	2-Butanone (MEK)	212	**197**	**93**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200507-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**189**	**89**	64-120	
141-78-6	Ethyl Acetate	432	**403**	**93**	64-131	
110-54-3	n-Hexane	216	**197**	**91**	58-125	
67-66-3	Chloroform	214	**197**	**92**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**205**	**93**	65-115	
107-06-2	1,2-Dichloroethane	214	**192**	**90**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**201**	**94**	66-115	
71-43-2	Benzene	210	**192**	**91**	66-109	
56-23-5	Carbon Tetrachloride	208	**197**	**95**	66-119	
110-82-7	Cyclohexane	422	**405**	**96**	67-117	
78-87-5	1,2-Dichloropropane	214	**191**	**89**	66-119	
75-27-4	Bromodichloromethane	218	**202**	**93**	71-119	
79-01-6	Trichloroethene	216	**217**	**100**	70-114	
123-91-1	1,4-Dioxane	216	**217**	**100**	71-117	
80-62-6	Methyl Methacrylate	430	**433**	**101**	76-121	
142-82-5	n-Heptane	214	**206**	**96**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**218**	**102**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**193**	**91**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**200**	**94**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**205**	**96**	70-117	
108-88-3	Toluene	212	**222**	**105**	67-113	
591-78-6	2-Hexanone	216	**210**	**97**	62-135	
124-48-1	Dibromochloromethane	214	**244**	**114**	73-126	
106-93-4	1,2-Dibromoethane	214	**239**	**112**	71-122	
123-86-4	n-Butyl Acetate	218	**230**	**106**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200507-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/7/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**219**	**101**	63-120	
127-18-4	Tetrachloroethene	208	**233**	**112**	64-120	
108-90-7	Chlorobenzene	214	**226**	**106**	65-116	
100-41-4	Ethylbenzene	212	**233**	**110**	65-117	
179601-23-1	m,p-Xylenes	426	**455**	**107**	64-121	
75-25-2	Bromoform	214	**261**	**122**	72-130	
100-42-5	Styrene	212	**239**	**113**	72-126	
95-47-6	o-Xylene	214	**229**	**107**	64-120	
111-84-2	n-Nonane	214	**207**	**97**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**224**	**105**	66-122	
98-82-8	Cumene	214	**238**	**111**	64-121	
80-56-8	alpha-Pinene	212	**254**	**120**	62-136	
103-65-1	n-Propylbenzene	214	**241**	**113**	65-123	
622-96-8	4-Ethyltoluene	210	**251**	**120**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**239**	**113**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**256**	**121**	63-129	
100-44-7	Benzyl Chloride	214	**271**	**127**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**254**	**119**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**251**	**117**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**256**	**120**	67-128	
5989-27-5	d-Limonene	212	**235**	**111**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**245**	**114**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**263**	**122**	62-140	
91-20-3	Naphthalene	212	**265**	**125**	57-149	
87-68-3	Hexachlorobutadiene	214	**254**	**119**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200508-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**217**	**103**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**216**	**103**	64-115	
74-87-3	Chloromethane	212	**212**	**100**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**209**	**101**	65-114	
75-01-4	Vinyl Chloride	212	**224**	**106**	61-129	
106-99-0	1,3-Butadiene	212	**243**	**115**	54-140	
74-83-9	Bromomethane	212	**231**	**109**	68-120	
75-00-3	Chloroethane	214	**252**	**118**	63-123	
64-17-5	Ethanol	1,060	**1140**	**108**	49-134	
75-05-8	Acetonitrile	214	**212**	**99**	50-137	
107-02-8	Acrolein	206	**280**	**136**	62-128	**L**
67-64-1	Acetone	1,070	**1090**	**102**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**217**	**102**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**492**	**117**	57-133	
107-13-1	Acrylonitrile	212	**225**	**106**	64-136	
75-35-4	1,1-Dichloroethene	214	**240**	**112**	67-115	
75-09-2	Methylene Chloride	210	**216**	**103**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**218**	**102**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**231**	**107**	65-115	
75-15-0	Carbon Disulfide	212	**211**	**100**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**235**	**110**	65-122	
75-34-3	1,1-Dichloroethane	212	**219**	**103**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**238**	**111**	57-131	
108-05-4	Vinyl Acetate	1,070	**1270**	**119**	71-128	
78-93-3	2-Butanone (MEK)	212	**230**	**108**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200508-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**223**	**105**	64-120	
141-78-6	Ethyl Acetate	432	**489**	**113**	64-131	
110-54-3	n-Hexane	216	**240**	**111**	58-125	
67-66-3	Chloroform	214	**223**	**104**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**242**	**110**	65-115	
107-06-2	1,2-Dichloroethane	214	**217**	**101**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**220**	**103**	66-115	
71-43-2	Benzene	210	**221**	**105**	66-109	
56-23-5	Carbon Tetrachloride	208	**213**	**102**	66-119	
110-82-7	Cyclohexane	422	**462**	**109**	67-117	
78-87-5	1,2-Dichloropropane	214	**226**	**106**	66-119	
75-27-4	Bromodichloromethane	218	**227**	**104**	71-119	
79-01-6	Trichloroethene	216	**234**	**108**	70-114	
123-91-1	1,4-Dioxane	216	**247**	**114**	71-117	
80-62-6	Methyl Methacrylate	430	**488**	**113**	76-121	
142-82-5	n-Heptane	214	**241**	**113**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**250**	**117**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**232**	**109**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**228**	**108**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**228**	**107**	70-117	
108-88-3	Toluene	212	**235**	**111**	67-113	
591-78-6	2-Hexanone	216	**245**	**113**	62-135	
124-48-1	Dibromochloromethane	214	**250**	**117**	73-126	
106-93-4	1,2-Dibromoethane	214	**247**	**115**	71-122	
123-86-4	n-Butyl Acetate	218	**269**	**123**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002238
Client Project ID: **Sde Dov / KTE-26-20-Simi** ALS Sample ID: P200508-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**247**	**114**	63-120	
127-18-4	Tetrachloroethene	208	**233**	**112**	64-120	
108-90-7	Chlorobenzene	214	**233**	**109**	65-116	
100-41-4	Ethylbenzene	212	**246**	**116**	65-117	
179601-23-1	m,p-Xylenes	426	**480**	**113**	64-121	
75-25-2	Bromoform	214	**262**	**122**	72-130	
100-42-5	Styrene	212	**249**	**117**	72-126	
95-47-6	o-Xylene	214	**242**	**113**	64-120	
111-84-2	n-Nonane	214	**239**	**112**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**241**	**113**	66-122	
98-82-8	Cumene	214	**246**	**115**	64-121	
80-56-8	alpha-Pinene	212	**275**	**130**	62-136	
103-65-1	n-Propylbenzene	214	**253**	**118**	65-123	
622-96-8	4-Ethyltoluene	210	**235**	**112**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**246**	**116**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**264**	**125**	63-129	
100-44-7	Benzyl Chloride	214	**284**	**133**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**257**	**120**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**252**	**118**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**259**	**121**	67-128	
5989-27-5	d-Limonene	212	**255**	**120**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**242**	**113**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**255**	**118**	62-140	
91-20-3	Naphthalene	212	**259**	**122**	57-149	
87-68-3	Hexachlorobutadiene	214	**235**	**110**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13042220.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Apr 23 05:30:40 2020
Response Via : Initial Calibration

Calibration Files
0.1 =04222015.D 0.2 =04222016.D 0.5 =04222040.D 1.0 =04222018.D 5.0 =04222020.D 25 =04222021.D 50 =04222022.D
100 =04222023.D

4/23/20

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	1.646	1.672	1.826	1.916	2.000	1.836	1.635	1.618	1.769	8.23
3)	T	Dichlorodifluo...	2.353	2.342	2.550	2.576	2.568	2.411	2.217	2.171	2.399	6.56
4)	T	Chloromethane	1.924	2.128	2.557	2.343	2.342	2.376	2.205	2.196	2.259	8.40
5)	T	1,2-Dichloro-1...	1.336	1.220	1.286	1.292	1.294	1.197	1.157	1.163	1.243	5.44
6)	T	Vinyl Chloride	1.752	1.907	1.923	2.077	2.127	2.093	1.987	1.966	1.979	6.18
7)	T	1,3-Butadiene	1.308	1.383	1.674	1.694	1.835	1.846	1.726	1.658	1.641	11.94
8)	T	Bromomethane	0.889	0.957	1.074	1.039	1.091	1.163	1.078	1.115	1.051	8.40
9)	T	Chloroethane	0.833	0.946	1.097	1.007	1.020	1.104	0.975	0.986	0.996	8.69
10)	T	Ethanol	1.456	1.201	1.391	1.218	1.118	1.395	1.146	1.056	1.248	11.84
11)	T	Acetonitrile		3.866	4.336	3.111	3.068	3.494	2.898	2.936	3.387	16.00
12)	T	Acrolein	0.744	0.705	0.969	0.805	0.854	0.800	0.675	0.742	0.787	11.87
13)	T	Acetone	1.371	1.162	1.284	1.137	1.107	1.158	0.954	0.892	1.133	13.84
14)	T	Trichlorofluor...	2.038	2.026	2.180	2.020	2.028	2.032	1.838	1.859	2.003	5.43
15)	T	2-Propanol (Is...	3.386	3.080	3.803	3.597	3.670	4.145	3.496	3.510	3.586	8.67
16)	T	Acrylonitrile	2.024	1.827	2.312	2.096	2.029	2.230	1.973	2.040	2.066	7.27
17)	T	1,1-Dichloroet...	1.036	1.041	1.129	1.159	1.181	1.211	1.175	1.205	1.142	6.04
18)	T	2-Methyl-2-Pro...			0.581	0.802	0.554	0.528	0.506	0.422	0.565	22.65
19)	T	Methylene Chlo...	1.526	1.269	1.406	1.348	1.295	1.337	1.309	1.344	1.354	5.96
20)	T	3-Chloro-1-pro...	2.493	2.223	2.679	2.627	2.440	2.656	2.581	2.575	2.534	5.89
21)	T	Trichlorotrifl...	0.950	0.985	0.989	1.048	1.037	0.992	0.980	1.039	1.003	3.47
22)	T	Carbon Disulfide		6.094	6.038	4.926	4.737	4.904	4.763	4.763	5.175	11.85
23)	T	trans-1,2-Dich...	1.730	1.690	1.941	1.926	1.858	2.043	1.984	1.999	1.896	6.75
24)	T	1,1-Dichloroet...	2.353	2.330	2.495	2.543	2.332	2.467	2.379	2.362	2.408	3.40
25)	T	Methyl tert-Bu...	1.229	1.416	0.804	1.125	1.231	0.801	0.654	0.568	0.978	31.75
26)	T	Vinyl Acetate		0.189	0.248	0.244	0.289	0.303	0.294	0.299	0.267	15.65
27)	T	2-Butanone (MEK)			0.815	0.882	0.920	0.966	0.950	0.984	0.920	6.80
28)	T	cis-1,2-Dichlo...	1.829	1.727	1.928	1.884	1.796	1.955	1.892	1.897	1.863	4.01
29)	T	Diisopropyl Ether	0.857	0.940	1.079	1.125	1.142	1.010	0.977	0.941	1.009	9.88
30)	T	Ethyl Acetate		0.376	0.497	0.522	0.519	0.576	0.543	0.496	0.504	12.44
31)	T	n-Hexane	2.142	2.269	2.386	2.384	2.296	2.388	2.218	2.026	2.264	5.77
32)	T	Chloroform	1.932	2.006	2.182	2.176	2.054	2.147	2.093	2.113	2.088	4.17
33)	S	1,2-Dichloroet...	1.679	1.706	1.722	1.715	1.558	1.696	1.659	1.640	1.672	3.22
34)	T	Tetrahydrofura...	0.770	0.785	0.878	0.868	0.886	0.930	0.886	0.924	0.866	6.78
35)	T	Ethyl tert-But...		0.635	0.537	0.702	0.758	0.638	0.573	0.511	0.622	14.28
36)	T	1,2-Dichloroet...	1.582	1.564	1.710	1.660	1.540	1.661	1.592	1.584	1.612	3.62
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.373	0.386	0.401	0.411	0.394	0.406	0.398	0.397	0.396	2.95
39)	T	Isopropyl Acetate	0.143	0.158	0.187	0.200	0.197	0.218	0.211	0.194	0.189	13.69
40)	T	1-Butanol			0.249	0.256	0.296	0.306	0.304	0.279	0.282	8.68
41)	T	Benzene	1.172	1.151	1.229	1.217	1.186	1.203	1.164	1.054	1.172	4.65
42)	T	Carbon Tetrach...	0.325	0.336	0.363	0.363	0.360	0.363	0.355	0.359	0.353	4.05

Method Path : I:\MS13\METHODS\
Method File : R13042220.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

43)	T	Cyclohexane	0.390	0.407	0.442	0.455	0.446	0.453	0.438	0.417	0.431	5.49
44)	T	tert-Amyl Meth...	0.430	0.432	0.344	0.416	0.442	0.408	0.371	0.340	0.398	10.21
45)	T	1,2-Dichloropr...	0.295	0.304	0.320	0.324	0.306	0.323	0.305	0.311	0.311	3.37
46)	T	Bromodichlorom...	0.334	0.325	0.355	0.367	0.360	0.383	0.378	0.376	0.360	5.85
47)	T	Trichloroethene	0.272	0.244	0.266	0.277	0.291	0.285	0.287	0.297	0.277	6.00
48)	T	1,4-Dioxane		0.166	0.192	0.220	0.234	0.247	0.247	0.252	0.223	14.55
49)	T	2,2,4-Trimethy...	1.038	1.030	1.073	1.085	1.064	1.161	1.136	1.075	1.083	4.18
50)	T	Methyl Methacr...			0.084	0.099	0.114	0.119	0.120	0.121	0.110	13.70
51)	T	n-Heptane	0.233	0.266	0.300	0.316	0.297	0.311	0.306	0.299	0.291	9.54
52)	T	cis-1,3-Dichlo...	0.375	0.371	0.444	0.461	0.477	0.520	0.511	0.486	0.456	12.43
53)	T	4-Methyl-2-pen...			0.238	0.274	0.289	0.332	0.323	0.303	0.293	11.73
54)	T	trans-1,3-Dich...			0.371	0.387	0.418	0.457	0.449	0.444	0.421	8.43
55)	T	1,1,2-Trichlor...	0.228	0.244	0.271	0.271	0.270	0.275	0.272	0.273	0.263	6.54
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.327	2.333	2.251	2.304	2.333	2.298	2.295	2.327	2.309	1.21
58)	T	Toluene	2.256	2.158	2.197	2.230	2.304	2.244	2.177	2.143	2.214	2.47
59)	T	2-Hexanone			1.045	1.303	1.391	1.614	1.455	1.497	1.384	14.15
60)	T	Dibromochlorom...	0.453	0.487	0.504	0.538	0.601	0.595	0.586	0.622	0.548	11.26
61)	T	1,2-Dibromoethane	0.440	0.473	0.521	0.530	0.583	0.579	0.574	0.598	0.537	10.62
62)	T	n-Butyl Acetate			1.030	1.300	1.536	1.898	1.836	1.769	1.561	21.88
63)	T	n-Octane	0.387	0.428	0.520	0.562	0.549	0.569	0.555	0.533	0.513	13.21
64)	T	Tetrachloroethene	0.569	0.552	0.547	0.556	0.632	0.584	0.590	0.633	0.583	5.84
65)	T	Chlorobenzene	1.496	1.390	1.378	1.429	1.510	1.431	1.404	1.418	1.432	3.31
66)	T	Ethylbenzene	2.020	2.123	2.265	2.364	2.663	2.553	2.463	2.377	2.354	9.09
67)	T	m- & p-Xylenes	1.667	1.694	1.846	1.926	2.067	1.985	1.893	1.812	1.861	7.35
68)	T	Bromoform	0.378	0.368	0.387	0.418	0.486	0.494	0.508	0.551	0.449	15.42
69)	T	Styrene			1.121	1.328	1.603	1.584	1.553	1.569	1.460	13.31
70)	T	o-Xylene	1.577	1.698	1.838	1.935	2.123	2.036	1.932	1.922	1.883	9.36
71)	T	n-Nonane	1.009	1.077	1.256	1.407	1.554	1.459	1.265	1.175	1.275	14.81
72)	T	1,1,2,2-Tetrac...	0.801	0.869	0.915	0.956	1.035	1.010	0.968	0.987	0.943	8.23
73)	S	Bromofluoroben...	0.614	0.611	0.623	0.617	0.653	0.624	0.629	0.638	0.626	2.26
74)	T	Cumene	2.108	2.168	2.237	2.344	2.634	2.455	2.384	2.153	2.311	7.74
75)	T	alpha-Pinene	0.935	0.902	1.009	1.007	1.213	0.751	0.769	0.769	0.919	17.25
76)	T	n-Propylbenzene	2.292	2.355	2.738	2.936	3.294	2.928	2.945	2.638	2.766	12.04
77)	T	3-Ethyltoluene	1.713	1.796	2.137	2.257	2.552	2.569	2.462	2.423	2.239	14.85
78)	T	4-Ethyltoluene	1.622	1.943	1.990	2.395	2.626	2.286	2.347	2.098	2.163	14.54
79)	T	1,3,5-Trimethy...	1.609	1.626	1.777	1.999	2.178	2.052	2.054	1.986	1.910	11.11
80)	T	alpha-Methylst...			0.727	0.924	1.094	1.143	1.150	1.153	1.032	16.75
81)	T	2-Ethyltoluene	1.813	1.876	2.117	2.359	2.572	2.442	2.399	2.263	2.230	12.22
82)	T	1,2,4-Trimethy...	1.335	1.432	1.631	1.954	2.197	2.176	2.075	1.872	1.834	18.13
83)	T	n-Decane			0.920	1.330	1.469	1.442	1.364	1.246	1.295	15.49
84)	T	Benzyl Chloride		1.051	1.203	1.555	1.922	1.557	1.577	1.566	1.490	19.07
85)	T	1,3-Dichlorobe...	0.928	0.868	0.945	1.097	1.231	1.217	1.248	1.276	1.101	15.01
86)	T	1,4-Dichlorobe...	0.959	0.919	0.931	1.151	1.228	1.224	1.231	1.288	1.117	13.78
87)	T	sec-Butylbenzene	2.050	2.221	2.472	2.630	2.951	2.843	2.732	2.543	2.555	11.93
88)	T	4-Isopropyltol...	1.696	1.822	2.051	2.359	2.651	2.615	2.389	2.052	2.204	16.07
89)	T	1,2,3-Trimethy...	1.322	1.445	1.643	1.967	2.207	2.211	2.080	1.850	1.841	18.47
90)	T	1,2-Dichlorobe...	0.842	0.923	0.949	1.047	1.177	1.180	1.174	1.131	1.053	12.69
91)	T	d-Limonene			0.682	0.787	0.934	0.975	0.860	0.779	0.836	12.98
92)	T	1,2-Dibromo-3-...			0.306	0.330	0.403	0.428	0.443	0.468	0.396	16.32
93)	T	n-Undecane				1.168	1.387	1.501	1.417	1.278	1.350	9.58
94)	T	1,2,4-Trichlor...			0.393	0.652	0.769	0.891	0.918	0.978	0.767	28.34

Method Path : I:\MS13\METHODS\
Method File : R13042220.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

95)	T	Naphthalene			0.970	2.080	2.460	3.062	3.005	2.702	2.380	32.78
96)	T	n-Dodecane				0.787	1.038	1.570	1.449	1.215	1.212	25.93
97)	T	Hexachlorobuta...	0.390	0.439	0.454	0.455	0.509	0.532	0.560	0.617	0.495	14.93
98)	T	Cyclohexanone			0.615	0.814	0.959	0.931	0.905	0.946	0.862	15.25
99)	T	tert-Butylbenzene	1.460	1.618	1.758	1.873	2.109	2.026	1.894	1.712	1.806	11.82
100)	T	n-Butylbenzene	1.295	1.449	1.743	2.106	2.408	2.393	2.211	2.042	1.956	21.42

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 05\07\05072001.D Vial: 1
Acq On : 7 May 2020 9:36 Operator: WA
Sample : CCV R13050720 25ng Inst : MS13
Misc : S34-03262001/S34-04242001 (5/25)

Quant Time: May 07 11:11:47 2020
Quant Method : I:\MS13\METHODS\R13042220.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Apr 23 05:30:40 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

5/7/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	84	0.02
2	T	Propene	1.769	1.866	-5.5	85	-0.03
3	T	Dichlorodifluoromethane (CF	2.399	2.483	-3.5	86	-0.02
4	T	Chloromethane	2.259	2.427	-7.4	85	-0.02
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.243	1.273	-2.4	89	0.00
6	T	Vinyl Chloride	1.979	2.131	-7.7	85	0.00
7	T	1,3-Butadiene	1.641	1.716	-4.6	78	0.00
8	T	Bromomethane	1.051	1.106	-5.2	80	0.00
9	T	Chloroethane	0.996	0.958	3.8	73	0.00
10	T	Ethanol	1.248	1.057	15.3	63	0.05
11	T	Acetonitrile	3.387	2.588	23.6	62	0.02
12	T	Acrolein	0.787	0.864	-9.8	90	0.00
13	T	Acetone	1.133	0.946	16.5	68	0.00
14	T	Trichlorofluoromethane	2.003	1.861	7.1	77	0.00
15	T	2-Propanol (Isopropanol)	3.586	3.307	7.8	67	-0.01
16	T	Acrylonitrile	2.066	1.779	13.9	67	0.01
17	T	1,1-Dichloroethene	1.142	1.129	1.1	78	0.00
18	T	2-Methyl-2-Propanol (tert-B	0.565	0.878	-55.4#	139	-0.09
19	T	Methylene Chloride	1.354	1.208	10.8	76	0.02
20	T	3-Chloro-1-propene (Allyl C	2.534	2.065	18.5	65	0.00
21	T	Trichlorotrifluoroethane	1.003	0.999	0.4	84	0.00
22	T	Carbon Disulfide	5.175	4.411	14.8	75	0.00
23	T	trans-1,2-Dichloroethene	1.896	1.727	8.9	71	0.01
24	T	1,1-Dichloroethane	2.408	2.112	12.3	72	0.02
25	T	Methyl tert-Butyl Ether	0.978	1.020	-4.3	107	-0.06
26	T	Vinyl Acetate	0.267	0.274	-2.6	76	0.01
27	T	2-Butanone (MEK)	0.920	0.853	7.3	74	-0.03
28	T	cis-1,2-Dichloroethene	1.863	1.653	11.3	71	0.02
29	T	Diisopropyl Ether	1.009	0.990	1.9	82	-0.01
30	T	Ethyl Acetate	0.504	0.476	5.6	69	-0.02
31	T	n-Hexane	2.264	2.035	10.1	71	0.00
32	T	Chloroform	2.088	1.921	8.0	75	0.02
33	S	1,2-Dichloroethane-d4(SS1)	1.672	1.490	10.9	73	0.01
34	T	Tetrahydrofuran (THF)	0.866	0.813	6.1	73	-0.05
35	T	Ethyl tert-Butyl Ether	0.622	0.368	40.8#	48#	-0.01
36	T	1,2-Dichloroethane	1.612	1.447	10.2	73	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	84	0.01
38	T	1,1,1-Trichloroethane	0.396	0.369	6.8	76	0.00
39	T	Isopropyl Acetate	0.189	0.180	4.8	69	-0.02
40	T	1-Butanol	0.282	0.217	23.0	59	-0.05
41	T	Benzene	1.172	1.083	7.6	75	0.01
42	T	Carbon Tetrachloride	0.353	0.329	6.8	76	0.00
43	T	Cyclohexane	0.431	0.412	4.4	76	0.01
44	T	tert-Amyl Methyl Ether	0.398	0.255	35.9#	52	-0.02
45	T	1,2-Dichloropropane	0.311	0.277	10.9	72	0.00
46	T	Bromodichloromethane	0.360	0.344	4.4	75	0.00
47	T	Trichloroethene	0.277	0.285	-2.9	84	0.00
48	T	1,4-Dioxane	0.223	0.222	0.4	75	-0.03
49	T	2,2,4-Trimethylpentane (Iso	1.083	1.084	-0.1	78	0.00
50	T	Methyl Methacrylate	0.110	0.112	-1.8	79	-0.01
51	T	n-Heptane	0.291	0.278	4.5	75	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.457	-0.2	74	0.00
53	T	4-Methyl-2-pentanone	0.293	0.266	9.2	67	-0.02
54	T	trans-1,3-Dichloropropene	0.421	0.405	3.8	74	-0.01
55	T	1,1,2-Trichloroethane	0.263	0.254	3.4	77	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 05\07\05072001.D Vial: 1
Acq On : 7 May 2020 9:36 Operator: WA
Sample : CCV R13050720 25ng Inst : MS13
Misc : S34-03262001/S34-04242001 (5/25)

Quant Time: May 07 11:11:47 2020
Quant Method : I:\MS13\METHODS\R13042220.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Apr 23 05:30:40 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	76	0.00
57	S	Toluene-d8 (SS2)	2.309	2.399	-3.9	79	0.00
58	T	Toluene	2.214	2.275	-2.8	77	0.00
59	T	2-Hexanone	1.384	1.333	3.7	62	-0.03
60	T	Dibromochloromethane	0.548	0.626	-14.2	79	0.00
61	T	1,2-Dibromoethane	0.537	0.603	-12.3	79	0.00
62	T	n-Butyl Acetate	1.561	1.726	-10.6	69	-0.02
63	T	n-Octane	0.513	0.517	-0.8	69	0.00
64	T	Tetrachloroethene	0.583	0.659	-13.0	85	0.00
65	T	Chlorobenzene	1.432	1.515	-5.8	80	0.00
66	T	Ethylbenzene	2.354	2.563	-8.9	76	0.00
67	T	m- & p-Xylenes	1.861	1.977	-6.2	75	0.00
68	T	Bromoform	0.449	0.541	-20.5	83	0.00
69	T	Styrene	1.460	1.625	-11.3	77	0.00
70	T	o-Xylene	1.883	2.019	-7.2	75	0.00
71	T	n-Nonane	1.275	1.230	3.5	64	0.00
72	T	1,1,2,2-Tetrachloroethane	0.943	0.965	-2.3	72	0.00
73	S	Bromofluorobenzene (SS3)	0.626	0.729	-16.5	88	0.00
74	T	Cumene	2.311	2.552	-10.4	79	0.00
75	T	alpha-Pinene	0.919	1.102	-19.9	111	0.00
76	T	n-Propylbenzene	2.766	3.104	-12.2	80	0.00
77	T	3-Ethyltoluene	2.239	2.503	-11.8	74	0.00
78	T	4-Ethyltoluene	2.163	2.600	-20.2	86	0.00
79	T	1,3,5-Trimethylbenzene	1.910	2.130	-11.5	78	0.00
80	T	alpha-Methylstyrene	1.032	1.218	-18.0	80	0.00
81	T	2-Ethyltoluene	2.230	2.526	-13.3	78	0.00
82	T	1,2,4-Trimethylbenzene	1.834	2.198	-19.8	76	0.00
83	T	n-Decane	1.295	1.266	2.2	66	0.00
84	T	Benzyl Chloride	1.490	1.834	-23.1	89	0.00
85	T	1,3-Dichlorobenzene	1.101	1.316	-19.5	82	0.00
86	T	1,4-Dichlorobenzene	1.117	1.325	-18.6	82	0.00
87	T	sec-Butylbenzene	2.555	2.901	-13.5	77	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.204	2.693	-22.2	78	0.00
89	T	1,2,3-Trimethylbenzene	1.841	2.219	-20.5	76	0.00
90	T	1,2-Dichlorobenzene	1.053	1.263	-19.9	81	0.00
91	T	d-Limonene	0.836	0.912	-9.1	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.396	0.445	-12.4	78	0.00
93	T	n-Undecane	1.350	1.295	4.1	65	0.00
94	T	1,2,4-Trichlorobenzene	0.767	0.928	-21.0	79	0.00
95	T	Naphthalene	2.380	2.902	-21.9	72	0.00
96	T	n-Dodecane	1.212	1.197	1.2	58	0.00
97	T	Hexachlorobutadiene	0.495	0.556	-12.3	79	0.00
98	T	Cyclohexanone	0.862	0.830	3.7	67	-0.02
99	T	tert-Butylbenzene	1.806	2.072	-14.7	77	0.00
100	T	n-Butylbenzene	1.956	2.324	-18.8	73	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 05\08\05082002.D Vial: 1
Acq On : 8 May 2020 4:31 Operator: WA
Sample : CCV R13050820 25ng Inst : MS13
Misc : S34-03262001/S34-04242001 (5/23)

Quant Time: May 08 05:03:58 2020
Quant Method : I:\MS13\METHODS\R13042220.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Apr 23 05:30:40 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

5/8/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	93	0.02
2	T	Propene	1.769	1.717	2.9	87	-0.03
3	T	Dichlorodifluoromethane (CF	2.399	2.462	-2.6	95	-0.02
4	T	Chloromethane	2.259	2.631	-16.5	103	-0.03
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.243	1.314	-5.7	102	-0.01
6	T	Vinyl Chloride	1.979	2.282	-15.3	101	-0.01
7	T	1,3-Butadiene	1.641	2.064	-25.8	104	0.00
8	T	Bromomethane	1.051	1.241	-18.1	99	0.00
9	T	Chloroethane	0.996	1.131	-13.6	95	0.00
10	T	Ethanol	1.248	1.346	-7.9	90	0.05
11	T	Acetonitrile	3.387	3.314	2.2	88	0.02
12	T	Acrolein	0.787	1.053	-33.8#	123	-0.01
13	T	Acetone	1.133	1.142	-0.8	92	0.00
14	T	Trichlorofluoromethane	2.003	2.035	-1.6	93	0.00
15	T	2-Propanol (Isopropanol)	3.586	4.121	-14.9	93	-0.02
16	T	Acrylonitrile	2.066	2.184	-5.7	91	0.01
17	T	1,1-Dichloroethene	1.142	1.274	-11.6	98	0.00
18	T	2-Methyl-2-Propanol (tert-B	0.565	0.930	-64.6#	164	-0.09
19	T	Methylene Chloride	1.354	1.383	-2.1	96	0.02
20	T	3-Chloro-1-propene (Allyl C	2.534	2.641	-4.2	93	0.00
21	T	Trichlorotrifluoroethane	1.003	1.083	-8.0	102	0.00
22	T	Carbon Disulfide	5.175	5.101	1.4	97	0.00
23	T	trans-1,2-Dichloroethene	1.896	2.044	-7.8	93	0.01
24	T	1,1-Dichloroethane	2.408	2.484	-3.2	94	0.02
25	T	Methyl tert-Butyl Ether	0.978	1.050	-7.4	122	-0.06
26	T	Vinyl Acetate	0.267	0.315	-18.0	97	0.00
27	T	2-Butanone (MEK)	0.920	0.988	-7.4	95	-0.03
28	T	cis-1,2-Dichloroethene	1.863	1.948	-4.6	93	0.01
29	T	Diisopropyl Ether	1.009	1.150	-14.0	106	-0.01
30	T	Ethyl Acetate	0.504	0.574	-13.9	93	-0.02
31	T	n-Hexane	2.264	2.497	-10.3	97	0.00
32	T	Chloroform	2.088	2.162	-3.5	94	0.02
33	S	1,2-Dichloroethane-d4(SS1)	1.672	1.553	7.1	85	0.01
34	T	Tetrahydrofuran (THF)	0.866	0.952	-9.9	95	-0.05
35	T	Ethyl tert-Butyl Ether	0.622	0.369	40.7#	54	-0.01
36	T	1,2-Dichloroethane	1.612	1.627	-0.9	91	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	94	0.01
38	T	1,1,1-Trichloroethane	0.396	0.400	-1.0	93	0.00
39	T	Isopropyl Acetate	0.189	0.217	-14.8	93	-0.02
40	T	1-Butanol	0.282	0.274	2.8	84	-0.05
41	T	Benzene	1.172	1.241	-5.9	97	0.00
42	T	Carbon Tetrachloride	0.353	0.355	-0.6	92	0.00
43	T	Cyclohexane	0.431	0.471	-9.3	98	0.00
44	T	tert-Amyl Methyl Ether	0.398	0.265	33.4#	61	-0.02
45	T	1,2-Dichloropropane	0.311	0.326	-4.8	95	0.00
46	T	Bromodichloromethane	0.360	0.382	-6.1	94	0.00
47	T	Trichloroethene	0.277	0.306	-10.5	101	0.00
48	T	1,4-Dioxane	0.223	0.253	-13.5	96	-0.03
49	T	2,2,4-Trimethylpentane (Iso	1.083	1.343	-24.0	109	0.00
50	T	Methyl Methacrylate	0.110	0.125	-13.6	99	-0.01
51	T	n-Heptane	0.291	0.326	-12.0	99	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.522	-14.5	95	0.00
53	T	4-Methyl-2-pentanone	0.293	0.323	-10.2	91	-0.02
54	T	trans-1,3-Dichloropropene	0.421	0.457	-8.6	94	-0.01
55	T	1,1,2-Trichloroethane	0.263	0.281	-6.8	96	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 05\08\05082002.D Vial: 1
Acq On : 8 May 2020 4:31 Operator: WA
Sample : CCV R13050820 25ng Inst : MS13
Misc : S34-03262001/S34-04242001 (5/23)

Quant Time: May 08 05:03:58 2020
Quant Method : I:\MS13\METHODS\R13042220.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Apr 23 05:30:40 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	89	0.00
57	S	Toluene-d8 (SS2)	2.309	2.346	-1.6	91	0.00
58	T	Toluene	2.214	2.435	-10.0	97	0.00
59	T	2-Hexanone	1.384	1.565	-13.1	86	-0.03
60	T	Dibromochloromethane	0.548	0.641	-17.0	96	0.00
61	T	1,2-Dibromoethane	0.537	0.624	-16.2	96	0.00
62	T	n-Butyl Acetate	1.561	2.049	-31.3#	96	-0.02
63	T	n-Octane	0.513	0.586	-14.2	92	0.00
64	T	Tetrachloroethene	0.583	0.657	-12.7	100	0.00
65	T	Chlorobenzene	1.432	1.569	-9.6	98	0.00
66	T	Ethylbenzene	2.354	2.644	-12.3	92	0.00
67	T	m- & p-Xylenes	1.861	1.951	-4.8	88	0.00
68	T	Bromoform	0.449	0.530	-18.0	96	0.00
69	T	Styrene	1.460	1.636	-12.1	92	0.00
70	T	o-Xylene	1.883	2.033	-8.0	89	0.00
71	T	n-Nonane	1.275	1.373	-7.7	84	0.00
72	T	1,1,2,2-Tetrachloroethane	0.943	0.982	-4.1	87	0.00
73	S	Bromofluorobenzene (SS3)	0.626	0.677	-8.1	97	0.00
74	T	Cumene	2.311	2.652	-14.8	96	0.00
75	T	alpha-Pinene	0.919	1.235	-34.4#	147	0.00
76	T	n-Propylbenzene	2.766	3.260	-17.9	99	0.00
77	T	3-Ethyltoluene	2.239	2.588	-15.6	90	0.00
78	T	4-Ethyltoluene	2.163	2.700	-24.8	105	0.00
79	T	1,3,5-Trimethylbenzene	1.910	2.220	-16.2	96	0.00
80	T	alpha-Methylstyrene	1.032	1.254	-21.5	98	0.00
81	T	2-Ethyltoluene	2.230	2.618	-17.4	96	0.00
82	T	1,2,4-Trimethylbenzene	1.834	2.289	-24.8	94	0.00
83	T	n-Decane	1.295	1.424	-10.0	88	0.00
84	T	Benzyl Chloride	1.490	1.947	-30.7#	112	0.00
85	T	1,3-Dichlorobenzene	1.101	1.329	-20.7	97	0.00
86	T	1,4-Dichlorobenzene	1.117	1.335	-19.5	97	0.00
87	T	sec-Butylbenzene	2.555	3.006	-17.7	94	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.204	2.753	-24.9	94	0.00
89	T	1,2,3-Trimethylbenzene	1.841	2.301	-25.0	93	0.00
90	T	1,2-Dichlorobenzene	1.053	1.282	-21.7	97	0.00
91	T	d-Limonene	0.836	1.006	-20.3	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.396	0.452	-14.1	94	0.00
93	T	n-Undecane	1.350	1.458	-8.0	87	0.00
94	T	1,2,4-Trichlorobenzene	0.767	0.938	-22.3	94	0.00
95	T	Naphthalene	2.380	3.057	-28.4	89	0.00
96	T	n-Dodecane	1.212	1.416	-16.8	80	0.00
97	T	Hexachlorobutadiene	0.495	0.562	-13.5	94	0.00
98	T	Cyclohexanone	0.862	0.879	-2.0	84	-0.02
99	T	tert-Butylbenzene	1.806	2.165	-19.9	95	0.00
100	T	n-Butylbenzene	1.956	2.441	-24.8	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

May 18, 202

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 5
Haifa, ISR-HA 33265

RE: Sde Dov / KTE-30-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on May 4, 2020. For your reference, these analyses have been assigned our service request number P2002415.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

Katie Kaneko
May 18, 2020, 12:37 pm

For Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2002415
Project: Sde Dov / KTE-30-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on May 4, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by AL for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has no provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2002415

Project ID: Sde Dov / KTE-30-20-Simi

Date Received: 5/4/2020

Time Received: 10:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SG-15.24	P2002415-001	Air	4/27/2020	00:00	1SS00513	-2.91	6.4	
SG-15.23	P2002415-002	Air	4/27/2020	00:00	1SC00752	-1.47	5.	
SG-15.32	P2002415-003	Air	4/27/2020	00:00	1SC00510	-2.16	5.37	X
SG-15.46	P2002415-004	Air	4/27/2020	00:00	1SC01194	-2.22	5.9	
SG-13.8	P2002415-005	Air	4/27/2020	00:00	1SS00980	-1.98	5.81	X

Air - Chain of Custody Record & Analytical Service Request

Page _____ of _____

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No: P2002415

Company Name & Address (Reporting Information): KTG Co.				Project Name: Boeke SD						ALS Contact:		Comments e.g. Actual Preservative or specific instructions
Project Manager				Project Number: KTG-20-[illegible]						Analysis Method		
Phone	Fax			P.O. # / Billing Information								
Email Address for Result Reporting				Sampler (Print & Sign): Cathy Secat (CS)								
Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID Bar code # - (C, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Tests			
SG-15.24		2/5/20		SC0373	FC0354	26.0	4.0	6L	✓			
SG-15.23		2/5/20		SC0362	FC0241	27.0	3.0	6L	✓			
SG-15.32		2/5/20		SC0503	FC0203	26.0	4.0	6L	✓			
SG-DUP		2/5/20		SC0391	FC0103	27.0	4.0	6L	✓			
SG-13.7		2/5/20		SC0330	FC0166	28.0	4.0	6L	✓			

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) X EDD required Yes / No Chain of Custody Seal: (Circle)
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____ Type: _____ Units: _____ INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 2/5/20	Time:	Received by: (Signature)	Date: 2/14/20	Time: 1000
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____ °C

5 of 28

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2002415

Project: Sde Dov / KTE-30-20-Simi

Sample(s) received on: 5/4/20 Date opened: 5/4/20 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2002415-001.01	1.0 L Source Silonite Canister					
P2002415-002.01	1.0 L Source Can					
P2002415-003.01	1.0 L Source Can					
P2002415-004.01	1.0 L Source Can					
P2002415-005.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.24** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-001

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00513

Initial Pressure (psig): -2.91 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.58	2.4	0.58	<0.34	1.4	0.34	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.4	0.39	**0.48**	0.48	0.079	
74-87-3	Chloromethane	<0.38	2.4	0.38	<0.19	1.1	0.19	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.38	2.4	0.38	<0.054	0.34	0.054	
75-01-4	Vinyl Chloride	<0.26	2.4	0.26	<0.10	0.95	0.10	
106-99-0	1,3-Butadiene	<0.39	2.4	0.39	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.33	2.4	0.33	<0.085	0.62	0.085	
75-00-3	Chloroethane	<0.30	2.4	0.30	<0.11	0.92	0.11	
64-17-5	Ethanol	**830**	23	1.7	**440**	12	0.88	**B**
75-05-8	Acetonitrile	**0.69**	2.4	0.	**0.41**	1.4	0.35	**J**
107-02-8	Acrolein	**2.5**	4.5	0.67	**1.1**	2.0	0.29	**J**
67-64-1	Acetone	**29**	24	5.4	**12**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.2**	2.4	0.	**0.39**	0.42	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.98	9.4	0.98	<0.40	3.8	0.40	
107-13-1	Acrylonitrile	<0.49	2.4	0.49	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-09-2	Methylene Chloride	**8.2**	2.4	0.67	**2.4**	0.68	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.77	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.43**	2.4	0.34	**0.057**	0.32	0.044	**J**
75-15-0	Carbon Disulfide	**0.81**	4.9	0.72	**0.26**	1.6	0.23	**J**
156-60-5	trans-1,2-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-34-3	1,1-Dichloroethane	<0.35	2.5	0.35	<0.086	0.61	0.086	
1634-04-4	Methyl tert-Butyl Ether	**1.2**	2.4	0.28	**0.33**	0.67	0.078	**J**
108-05-4	Vinyl Acetate	<5.4	24	5.4	<1.5	6.9	1.5	
78-93-3	2-Butanone (MEK)	**2.1**	4.9	0.49	**0.71**	1.7	0.17	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.24** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-001

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00513

Initial Pressure (psig): -2.91 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.34	2.4	0.34	<0.085	0.60	0.085	
141-78-6	Ethyl Acetate	**1.5**	4.9	1.3	**0.41**	1.4	0.35	**J**
110-54-3	n-Hexane	**0.59**	2.4	0.	**0.17**	0.69	0.14	**J**
67-66-3	Chloroform	**3.2**	2.4	0.32	**0.66**	0.50	0.065	
109-99-9	Tetrahydrofuran (THF)	**1.7**	2.5	0.30	**0.58**	0.83	0.10	**J**
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.065	0.60	0.065	
71-55-6	1,1,1-Trichloroethane	<0.30	2.4	0.30	<0.054	0.44	0.054	
71-43-2	Benzene	**0.50**	2.4	0.34	**0.16**	0.74	0.11	**J**
56-23-5	Carbon Tetrachloride	<0.33	2.4	0.33	<0.053	0.38	0.053	
110-82-7	Cyclohexane	<0.67	4.9	0.67	<0.20	1.4	0.20	
78-87-5	1,2-Dichloropropane	<0.30	2.4	0.30	<0.064	0.52	0.064	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.051	0.36	0.051	
79-01-6	Trichloroethene	**0.36**	2.4	0.32	**0.067**	0.45	0.060	**J**
123-91-1	1,4-Dioxane	<0.28	2.4	0.28	<0.078	0.67	0.078	
80-62-6	Methyl Methacrylate	<0.85	4.9	0.85	<0.21	1.2	0.21	
142-82-5	n-Heptane	**0.63**	2.4	0.38	**0.15**	0.59	0.093	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.37	2.3	0.37	<0.082	0.51	0.082	
108-10-1	4-Methyl-2-pentanone	<0.33	2.4	0.33	<0.080	0.58	0.080	
10061-02-6	trans-1,3-Dichloropropene	<0.49	2.4	0.49	<0.11	0.52	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.044	0.44	0.044	
108-88-3	Toluene	**14**	2.4	0.29	**3.7**	0.64	0.077	
591-78-6	2-Hexanone	<0.30	2.4	0.30	<0.072	0.59	0.072	
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.037	0.28	0.037	
106-93-4	1,2-Dibromoethane	<0.28	2.4	0.28	<0.036	0.31	0.036	
123-86-4	n-Butyl Acetate	**21**	2.5	0.	**4.5**	0.52	0.069	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.24** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-001

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00513

Initial Pressure (psig): -2.91 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.1**	2.4		**0.23**	0.52	0.11	**J**
127-18-4	Tetrachloroethene	**0.43**	2.3	0.	**0.063**	0.34	0.046	**J**
108-90-7	Chlorobenzene	<0.32	2.4	0.32	<0.069	0.52	0.069	
100-41-4	Ethylbenzene	**1.4**	2.4	0.34	**0.32**	0.56	0.077	**J**
179601-23-1	m,p-Xylenes	**3.8**	4.9	0.	**0.88**	1.1	0.14	**J**
75-25-2	Bromoform	**0.60**	2.4	0.49	**0.058**	0.23	0.048	**J**
100-42-5	Styrene	**0.68**	2.4	0.38	**0.16**	0.56	0.090	**J**
95-47-6	o-Xylene	**1.5**	2.4	0.34	**0.35**	0.56	0.079	**J**
111-84-2	n-Nonane	**2.6**	2.4	0.40	**0.50**	0.46	0.076	
79-34-5	1,1,2,2-Tetrachloroethane	<0.33	2.4	0.33	<0.048	0.35	0.048	
98-82-8	Cumene	<0.34	2.4	0.34	<0.070	0.49	0.070	
80-56-8	alpha-Pinene	<0.37	2.4	0.37	<0.066	0.43	0.066	
103-65-1	n-Propylbenzene	**0.36**	2.4	0.34	**0.074**	0.49	0.070	**J**
622-96-8	4-Ethyltoluene	**0.58**	2.4	0.38	**0.12**	0.49	0.077	**J**
108-67-8	1,3,5-Trimethylbenzene	<0.34	2.4	0.34	<0.070	0.48	0.070	
95-63-6	1,2,4-Trimethylbenzene	**1.6**	2.4	0.	**0.33**	0.49	0.067	**J**
100-44-7	Benzyl Chloride	<0.54	4.9	0.54	<0.10	0.95	0.10	
541-73-1	1,3-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.40	0.060	
106-46-7	1,4-Dichlorobenzene	<0.37	2.4	0.37	<0.061	0.40	0.061	
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.059	0.40	0.059	
5989-27-5	d-Limonene	**1.1**	2.4	0.	**0.20**	0.43	0.088	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.45	2.4	0.45	<0.046	0.25	0.046	
120-82-1	1,2,4-Trichlorobenzene	<0.58	2.4	0.58	<0.078	0.33	0.078	
91-20-3	Naphthalene	**0.73**	2.3	0.	**0.14**	0.44	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.49	2.4	0.49	<0.046	0.22	0.046	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.23** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-002

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00752

Initial Pressure (psig): -1.47 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.8**	2.1	0.51	**1.6**	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.1	0.34	**0.50**	0.42	0.069	
74-87-3	Chloromethane	**0.62**	2.1	0.34	**0.30**	1.0	0.16	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.30	0.047	
75-01-4	Vinyl Chloride	**0.24**	2.1	0.22	**0.095**	0.82	0.087	**J**
106-99-0	1,3-Butadiene	<0.34	2.1	0.34	<0.16	0.93	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.098	0.80	0.098	
64-17-5	Ethanol	**50**	20	1.4	**27**	11	0.77	**B**
75-05-8	Acetonitrile	**13**	2.1	0.51	**7.9**	1.2	0.30	
107-02-8	Acrolein	**4.6**	3.9	0.59	**2.0**	1.7	0.26	
67-64-1	Acetone	**80**	21		**34**	8.7	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**15**	2.1	0.32	**2.7**	0.37	0.056	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	8.2	0.86	**0.54**	3.3	0.35	**J**
107-13-1	Acrylonitrile	**0.54**	2.1	0.43	**0.25**	0.95	0.20	**J**
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.073	0.53	0.073	
75-09-2	Methylene Chloride	<0.59	2.1	0.59	<0.17	0.60	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.090	0.67	0.090	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.44**	2.1	0.30	**0.058**	0.27	0.039	**J**
75-15-0	Carbon Disulfide	**1.7**	4.3	0.62	**0.56**	1.4	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.073	0.53	0.073	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.075	0.53	0.075	
1634-04-4	Methyl tert-Butyl Ether	**0.62**	2.1	0.25	**0.17**	0.58	0.068	**J**
108-05-4	Vinyl Acetate	**13**	21	4.	**3.7**	6.0	1.3	**J**
78-93-3	2-Butanone (MEK)	**24**	4.3	0.43	**8.1**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.23** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-002

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00752

Initial Pressure (psig): -1.47 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.52	0.074	
141-78-6	Ethyl Acetate	<1.1	4.3	1.1	<0.30	1.2	0.30	
110-54-3	n-Hexane	<0.43	2.1	0.43	<0.12	0.60	0.12	
67-66-3	Chloroform	**0.86**	2.1	0.28	**0.18**	0.43	0.057	**J**
109-99-9	Tetrahydrofuran (THF)	<0.26	2.1	0.26	<0.089	0.73	0.089	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.057	0.52	0.057	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.047	0.39	0.047	
71-43-2	Benzene	**0.39**	2.1	0.30	**0.12**	0.65	0.094	**J**
56-23-5	Carbon Tetrachloride	<0.29	2.1	0.29	<0.046	0.33	0.046	
110-82-7	Cyclohexane	<0.59	4.3	0.59	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.056	0.46	0.056	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.31	0.045	
79-01-6	Trichloroethene	<0.28	2.1	0.28	<0.052	0.39	0.052	
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.068	0.58	0.068	
80-62-6	Methyl Methacrylate	<0.74	4.3	0.74	<0.18	1.0	0.18	
142-82-5	n-Heptane	**1.3**	2.1	0.33	**0.33**	0.51	0.081	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.071	0.45	0.071	
108-10-1	4-Methyl-2-pentanone	**0.60**	2.1	0.28	**0.15**	0.50	0.069	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.095	0.46	0.095	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**4.0**	2.1	0.2	**1.1**	0.56	0.067	
591-78-6	2-Hexanone	**0.77**	2.1	0.26	**0.19**	0.51	0.063	**J**
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	<0.28	2.1	0.28	<0.060	0.45	0.060	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.23** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-002

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00752

Initial Pressure (psig): -1.47 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.47	2.1	0.47	<0.10	0.45	0.10	
127-18-4	Tetrachloroethene	**0.28**	2.0	0.27	**0.041**	0.30	0.040	**J**
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.060	0.46	0.060	
100-41-4	Ethylbenzene	**0.50**	2.1	0.29	**0.11**	0.49	0.067	**J**
179601-23-1	m,p-Xylenes	**1.6**	4.3	0.55	**0.37**	0.99	0.13	**J**
75-25-2	Bromoform	**0.58**	2.1	0.43	**0.056**	0.20	0.042	**J**
100-42-5	Styrene	**0.49**	2.1	0.	**0.11**	0.49	0.079	**J**
95-47-6	o-Xylene	**0.53**	2.1	0.	**0.12**	0.49	0.069	**J**
111-84-2	n-Nonane	**0.88**	2.1	0.35	**0.17**	0.40	0.066	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.042	0.31	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.061	0.43	0.061	
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.057	0.38	0.057	
103-65-1	n-Propylbenzene	<0.30	2.1	0.30	<0.061	0.43	0.061	
622-96-8	4-Ethyltoluene	<0.33	2.1	0.33	<0.067	0.43	0.067	
108-67-8	1,3,5-Trimethylbenzene	<0.30	2.1	0.30	<0.061	0.42	0.061	
95-63-6	1,2,4-Trimethylbenzene	**0.76**	2.1	0.29	**0.16**	0.43	0.059	**J**
100-44-7	Benzyl Chloride	**0.86**	4.3	0.	**0.17**	0.83	0.090	**J**
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**0.60**	2.1	0.43	**0.11**	0.38	0.077	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.1	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.51	2.1	0.51	<0.068	0.28	0.068	
91-20-3	Naphthalene	<0.51	2.0	0.51	<0.097	0.39	0.097	
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.32** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-003

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14 - 5/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.010 Liter(s)
Container ID: 1SC00510

Initial Pressure (psig): -2.16 Final Pressure (psig): 5.37

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5.3**	2.1	0.52	**3.1**	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**17**	2.1	0.35	**3.5**	0.43	0.070	
74-87-3	Chloromethane	**0.57**	2.1	0.34	**0.28**	1.0	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.089	0.85	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-00-3	Chloroethane	<0.26	2.2	0.26	<0.10	0.82	0.10	
64-17-5	Ethanol	**230**	21	1.5	**120**	11	0.79	**B**
75-05-8	Acetonitrile	**0.91**	2.1	0.52	**0.54**	1.3	0.31	**J**
107-02-8	Acrolein	**3.8**	4.0	0.60	**1.7**	1.7	0.26	**J**
67-64-1	Acetone	**48**	21	4.8	**20**	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**6,600**	85	13	**1,200**	15	2.3	**D**
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.88	8.4	0.88	<0.36	3.4	0.36	
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	**0.77**	2.2	0.3	**0.19**	0.55	0.075	**J**
75-09-2	Methylene Chloride	**4.3**	2.1	0.60	**1.2**	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.092	0.69	0.092	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.82**	2.2	0.30	**0.11**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**1.1**	4.4	0.64	**0.34**	1.4	0.21	**J**
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	**1.3**	2.2	0.25	**0.36**	0.60	0.070	**J**
108-05-4	Vinyl Acetate	**7.7**	22	4.	**2.2**	6.1	1.4	**J**
78-93-3	2-Butanone (MEK)	**11**	4.4	0.44	**3.7**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.32** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-003

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14 - 5/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.010 Liter(s)
Container ID: 1SC00510

Initial Pressure (psig): -2.16 Final Pressure (psig): 5.37

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.53	0.076	
141-78-6	Ethyl Acetate	**21**	4.4	1	**5.8**	1.2	0.31	
110-54-3	n-Hexane	**1.6**	2.2	0.44	**0.46**	0.61	0.12	**J**
67-66-3	Chloroform	**3.0**	2.2	0.28	**0.61**	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.091	0.75	0.091	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	**8.8**	2.2	0.26	**1.6**	0.40	0.048	
71-43-2	Benzene	**4.6**	2.1	0.31	**1.4**	0.66	0.096	
56-23-5	Carbon Tetrachloride	<0.30	2.1	0.30	<0.047	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.2	0.26	<0.057	0.47	0.057	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.054	0.40	0.054	
123-91-1	1,4-Dioxane	<0.25	2.2	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.19	1.1	0.19	
142-82-5	n-Heptane	**1.5**	2.2	0.34	**0.36**	0.53	0.083	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	**0.83**	2.1	0.29	**0.20**	0.52	0.071	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.097	0.47	0.097	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**9.5**	2.2	0.26	**2.5**	0.57	0.069	
591-78-6	2-Hexanone	**3.1**	2.2	0.26	**0.77**	0.53	0.064	
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**3.7**	2.2	0.29	**0.79**	0.46	0.061	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.32** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-003

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14 - 5/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.010 Liter(s)
Container ID: 1SC00510

Initial Pressure (psig): -2.16 Final Pressure (psig): 5.37

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.96**	2.2	0.4	**0.21**	0.46	0.10	**J**
127-18-4	Tetrachloroethene	**0.90**	2.1	0.28	**0.13**	0.31	0.041	**J**
108-90-7	Chlorobenzene	<0.28	2.2	0.28	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**1.4**	2.2	0.30	**0.33**	0.50	0.069	**J**
179601-23-1	m,p-Xylenes	**4.0**	4.4	0.56	**0.91**	1.0	0.13	**J**
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**4.2**	2.1	0.34	**0.98**	0.50	0.081	
95-47-6	o-Xylene	**1.3**	2.2	0.31	**0.30**	0.50	0.071	**J**
111-84-2	n-Nonane	**1.4**	2.2	0.36	**0.27**	0.41	0.068	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	**4.3**	2.2	0.33	**0.77**	0.39	0.059	
103-65-1	n-Propylbenzene	<0.31	2.2	0.31	<0.063	0.44	0.063	
622-96-8	4-Ethyltoluene	<0.34	2.2	0.34	<0.069	0.44	0.069	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.1	0.31	<0.063	0.43	0.063	
95-63-6	1,2,4-Trimethylbenzene	**0.85**	2.2	0.30	**0.17**	0.44	0.060	**J**
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.85	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**3.0**	2.2	0.44	**0.53**	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	<0.52	2.1	0.52	<0.099	0.40	0.099	
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.46** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-004

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01194

Initial Pressure (psig): -2.22 Final Pressure (psig): 5.97

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.87**	2.2	0.54	**0.51**	1.3	0.31	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.2	0.36	**0.51**	0.44	0.073	
74-87-3	Chloromethane	<0.36	2.2	0.36	<0.17	1.1	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.31	0.050	
75-01-4	Vinyl Chloride	<0.24	2.2	0.24	<0.093	0.88	0.093	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	0.99	0.17	
74-83-9	Bromomethane	<0.31	2.2	0.31	<0.079	0.58	0.079	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.85	0.10	
64-17-5	Ethanol	**27**	22	1.	**14**	11	0.82	**B**
75-05-8	Acetonitrile	**0.58**	2.2	0.54	**0.35**	1.3	0.32	**J**
107-02-8	Acrolein	**0.80**	4.2	0.62	**0.35**	1.8	0.27	**J**
67-64-1	Acetone	**10**	22		**4.3**	9.3	2.1	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**22**	2.2	0.34	**3.9**	0.39	0.060	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.91	8.7	0.91	<0.37	3.5	0.37	
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.2	0.31	<0.077	0.57	0.077	
75-09-2	Methylene Chloride	**2.8**	2.2	0.62	**0.80**	0.63	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.2	0.30	<0.096	0.72	0.096	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.51**	2.2	0	**0.067**	0.29	0.041	**J**
75-15-0	Carbon Disulfide	**0.71**	4.6	0.66	**0.23**	1.5	0.21	**J**
156-60-5	trans-1,2-Dichloroethene	<0.31	2.2	0.31	<0.077	0.57	0.077	
75-34-3	1,1-Dichloroethane	<0.32	2.3	0.32	<0.080	0.56	0.080	
1634-04-4	Methyl tert-Butyl Ether	**4.6**	2.2	0.26	**1.3**	0.62	0.073	
108-05-4	Vinyl Acetate	<5.0	22	5.0	<1.4	6.4	1.4	
78-93-3	2-Butanone (MEK)	**0.77**	4.6	0.46	**0.26**	1.5	0.15	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.46** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-004

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01194

Initial Pressure (psig): -2.22 Final Pressure (psig): 5.97

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.079	0.55	0.079	
141-78-6	Ethyl Acetate	<1.2	4.6	1.2	<0.32	1.3	0.32	
110-54-3	n-Hexane	<0.46	2.2	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	**13**	2.2	0.29	**2.6**	0.46	0.060	
109-99-9	Tetrahydrofuran (THF)	**0.55**	2.3	0.28	**0.19**	0.77	0.094	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.061	0.55	0.061	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.050	0.41	0.050	
71-43-2	Benzene	<0.32	2.2	0.32	<0.10	0.69	0.10	
56-23-5	Carbon Tetrachloride	<0.31	2.2	0.31	<0.049	0.35	0.049	
110-82-7	Cyclohexane	<0.62	4.6	0.62	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	**0.32**	2.2	0.27	**0.068**	0.49	0.059	**J**
75-27-4	Bromodichloromethane	<0.32	2.2	0.32	<0.048	0.33	0.048	
79-01-6	Trichloroethene	<0.30	2.2	0.30	<0.056	0.42	0.056	
123-91-1	1,4-Dioxane	<0.26	2.2	0.26	<0.073	0.62	0.073	
80-62-6	Methyl Methacrylate	<0.79	4.6	0.79	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.79**	2.2	0.35	**0.19**	0.55	0.086	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.2	0.34	<0.076	0.48	0.076	
108-10-1	4-Methyl-2-pentanone	<0.30	2.2	0.30	<0.074	0.54	0.074	
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.48	0.10	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.041	0.41	0.041	
108-88-3	Toluene	**2.8**	2.2	0.27	**0.75**	0.59	0.072	
591-78-6	2-Hexanone	<0.27	2.2	0.27	<0.067	0.55	0.067	
124-48-1	Dibromochloromethane	<0.29	2.2	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.26	2.2	0.26	<0.033	0.29	0.033	
123-86-4	n-Butyl Acetate	**6.2**	2.3	0.30	**1.3**	0.48	0.064	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-15.46** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-004

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01194

Initial Pressure (psig): -2.22 Final Pressure (psig): 5.97

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.50	2.2	0.50	<0.11	0.48	0.11	
127-18-4	Tetrachloroethene	<0.29	2.2	0.29	<0.042	0.32	0.042	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.064	0.49	0.064	
100-41-4	Ethylbenzene	**0.40**	2.2	0.31	**0.092**	0.52	0.072	**J**
179601-23-1	m,p-Xylenes	**1.3**	4.6	0.58	**0.29**	1.1	0.13	**J**
75-25-2	Bromoform	<0.46	2.2	0.46	<0.044	0.22	0.044	
100-42-5	Styrene	**0.61**	2.2	0.36	**0.14**	0.52	0.084	**J**
95-47-6	o-Xylene	**0.70**	2.2	0.32	**0.16**	0.52	0.074	**J**
111-84-2	n-Nonane	**0.46**	2.2	0.3	**0.088**	0.43	0.070	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.2	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	<0.32	2.2	0.32	<0.065	0.46	0.065	
80-56-8	alpha-Pinene	**0.45**	2.2	0.3	**0.081**	0.40	0.061	**J**
103-65-1	n-Propylbenzene	<0.32	2.2	0.32	<0.065	0.46	0.065	
622-96-8	4-Ethyltoluene	<0.35	2.2	0.35	<0.072	0.46	0.072	
108-67-8	1,3,5-Trimethylbenzene	<0.32	2.2	0.32	<0.065	0.45	0.065	
95-63-6	1,2,4-Trimethylbenzene	**1.2**	2.2	0.31	**0.25**	0.46	0.062	**J**
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.096	0.88	0.096	
541-73-1	1,3-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.37	0.055	
106-46-7	1,4-Dichlorobenzene	<0.34	2.2	0.34	<0.057	0.37	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.37	0.055	
5989-27-5	d-Limonene	**0.73**	2.2	0.46	**0.13**	0.40	0.082	**J**
96-12-8	1,2-Dibromo-3-chloropropane	**4.6**	2.2	0.42	**0.48**	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.54	2.2	0.54	<0.073	0.30	0.073	
91-20-3	Naphthalene	<0.54	2.2	0.54	<0.10	0.41	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.8** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-005

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00980

Initial Pressure (psig): -1.98 Final Pressure (psig): 5.81

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.52	2.1	0.52	<0.30	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.1	0	**0.44**	0.43	0.071	
74-87-3	Chloromethane	<0.35	2.1	0.35	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.31	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.090	0.85	0.090	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.82	0.10	
64-17-5	Ethanol	**29**	21		**16**	11	0.79	**B**
75-05-8	Acetonitrile	<0.52	2.1	0.52	<0.31	1.3	0.31	
107-02-8	Acrolein	**1.1**	4.0	0.60	**0.48**	1.8	0.26	**J**
67-64-1	Acetone	**11**	21	4.	**4.8**	9.0	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**6.9**	2.1	0	**1.2**	0.38	0.058	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.89	8.5	0.89	<0.36	3.4	0.36	
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	**3.6**	2.1	0.60	**1.0**	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.093	0.69	0.093	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.46**	2.2	0.31	**0.060**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**2.9**	4.4	0.64	**0.93**	1.4	0.21	**J**
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.078	0.55	0.078	
1634-04-4	Methyl tert-Butyl Ether	**0.59**	2.2	0.25	**0.16**	0.60	0.070	**J**
108-05-4	Vinyl Acetate	<4.8	22	4.8	<1.4	6.2	1.4	
78-93-3	2-Butanone (MEK)	**0.80**	4.4	0.44	**0.27**	1.5	0.15	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.8** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-005

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00980

Initial Pressure (psig): -1.98 Final Pressure (psig): 5.81

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.54	0.076	
141-78-6	Ethyl Acetate	<1.1	4.4	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	<0.44	2.2	0.44	<0.13	0.62	0.13	
67-66-3	Chloroform	**0.54**	2.2	0.29	**0.11**	0.45	0.059	**J**
109-99-9	Tetrahydrofuran (THF)	**0.84**	2.2	0.27	**0.29**	0.75	0.091	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.059	0.54	0.059	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.049	0.40	0.049	
71-43-2	Benzene	<0.31	2.1	0.31	<0.097	0.67	0.097	
56-23-5	Carbon Tetrachloride	**0.32**	2.1	0.30	**0.051**	0.34	0.047	**J**
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.058	0.47	0.058	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.054	0.40	0.054	
123-91-1	1,4-Dioxane	<0.25	2.2	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.19	1.1	0.19	
142-82-5	n-Heptane	**2.2**	2.2	0.34	**0.54**	0.53	0.084	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.074	0.46	0.074	
108-10-1	4-Methyl-2-pentanone	<0.29	2.1	0.29	<0.072	0.52	0.072	
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.098	0.47	0.098	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**2.9**	2.2	0.26	**0.78**	0.58	0.069	
591-78-6	2-Hexanone	<0.27	2.2	0.27	<0.065	0.53	0.065	
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.26	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**8.8**	2.2	0.29	**1.8**	0.47	0.062	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-13.8** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P2002415-005

Test Code: EPA TO-15 Date Collected: 4/27/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/4/20
Analyst: Wida Ang Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00980

Initial Pressure (psig): -1.98 Final Pressure (psig): 5.81

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.48	2.2	0.48	<0.10	0.47	0.10	
127-18-4	Tetrachloroethene	<0.28	2.1	0.28	<0.041	0.31	0.041	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**0.48**	2.2	0.30	**0.11**	0.50	0.070	**J**
179601-23-1	m,p-Xylenes	**1.3**	4.4	0.56	**0.31**	1.0	0.13	**J**
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**0.37**	2.1	0.35	**0.086**	0.50	0.081	**J**
95-47-6	o-Xylene	**0.41**	2.2	0.31	**0.094**	0.50	0.071	**J**
111-84-2	n-Nonane	**1.0**	2.2	0.36	**0.19**	0.41	0.068	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.32	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	<0.33	2.2	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	<0.31	2.2	0.31	<0.063	0.44	0.063	
622-96-8	4-Ethyltoluene	<0.34	2.2	0.34	<0.070	0.44	0.070	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.1	0.31	<0.063	0.43	0.063	
95-63-6	1,2,4-Trimethylbenzene	**0.43**	2.2	0.30	**0.088**	0.44	0.061	**J**
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.86	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.36	0.054	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	<0.44	2.2	0.44	<0.079	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.071	0.29	0.071	
91-20-3	Naphthalene	<0.52	2.1	0.52	<0.10	0.40	0.10	
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P200514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	**0.53**	5.2	0.37	**0.28**	2.8	0.20	**J**
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P200514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2002415

Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P200514-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Lusine Hakobyan Date Analyzed: 5/14/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Project ID: P2002415

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/27/20
Analyst: Lusine Hakobyan Date(s) Received: 5/4/20
Sample Type: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/14/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200514-MB	**94**	**101**	**105**	70-130	
Lab Control Sample	P200514-LCS	**93**	**100**	**106**	70-130	
SG-15.24	P2002415-001	**96**	**103**	**101**	70-130	
SG-15.23	P2002415-002	**95**	**100**	**103**	70-130	
SG-15.32	P2002415-003	**98**	**99**	**99**	70-130	
SG-15.46	P2002415-004	**96**	**101**	**104**	70-130	
SG-13.8	P2002415-005	**94**	**99**	**105**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P200514-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**172**	**82**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**180**	**86**	64-115	
74-87-3	Chloromethane	212	**206**	**97**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**186**	**90**	65-114	
75-01-4	Vinyl Chloride	212	**198**	**93**	61-129	
106-99-0	1,3-Butadiene	212	**217**	**102**	54-140	
74-83-9	Bromomethane	212	**197**	**93**	68-120	
75-00-3	Chloroethane	214	**197**	**92**	63-123	
64-17-5	Ethanol	1,060	**903**	**85**	49-134	
75-05-8	Acetonitrile	214	**190**	**89**	50-137	
107-02-8	Acrolein	206	**203**	**99**	62-128	
67-64-1	Acetone	1,070	**934**	**87**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**183**	**86**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**397**	**94**	57-133	
107-13-1	Acrylonitrile	212	**212**	**100**	64-136	
75-35-4	1,1-Dichloroethene	214	**208**	**97**	67-115	
75-09-2	Methylene Chloride	210	**191**	**91**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**181**	**85**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**196**	**91**	65-115	
75-15-0	Carbon Disulfide	212	**179**	**84**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**204**	**95**	65-122	
75-34-3	1,1-Dichloroethane	212	**187**	**88**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**233**	**109**	57-131	
108-05-4	Vinyl Acetate	1,070	**942**	**88**	71-128	
78-93-3	2-Butanone (MEK)	212	**199**	**94**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P200514-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**194**	**92**	64-120	
141-78-6	Ethyl Acetate	432	**425**	**98**	64-131	
110-54-3	n-Hexane	216	**191**	**88**	58-125	
67-66-3	Chloroform	214	**190**	**89**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**205**	**93**	65-115	
107-06-2	1,2-Dichloroethane	214	**187**	**87**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**196**	**92**	66-115	
71-43-2	Benzene	210	**186**	**89**	66-109	
56-23-5	Carbon Tetrachloride	208	**186**	**89**	66-119	
110-82-7	Cyclohexane	422	**393**	**93**	67-117	
78-87-5	1,2-Dichloropropane	214	**193**	**90**	66-119	
75-27-4	Bromodichloromethane	218	**197**	**90**	71-119	
79-01-6	Trichloroethene	216	**201**	**93**	70-114	
123-91-1	1,4-Dioxane	216	**215**	**100**	71-117	
80-62-6	Methyl Methacrylate	430	**422**	**98**	76-121	
142-82-5	n-Heptane	214	**200**	**93**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**220**	**103**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**205**	**97**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**211**	**100**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**201**	**94**	70-117	
108-88-3	Toluene	212	**199**	**94**	67-113	
591-78-6	2-Hexanone	216	**221**	**102**	62-135	
124-48-1	Dibromochloromethane	214	**214**	**100**	73-126	
106-93-4	1,2-Dibromoethane	214	**218**	**102**	71-122	
123-86-4	n-Butyl Acetate	218	**245**	**112**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002415
Client Project ID: **Sde Dov / KTE-30-20-Simi** ALS Sample ID: P200514-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**207**	**96**	63-120	
127-18-4	Tetrachloroethene	208	**199**	**96**	64-120	
108-90-7	Chlorobenzene	214	**199**	**93**	65-116	
100-41-4	Ethylbenzene	212	**208**	**98**	65-117	
179601-23-1	m,p-Xylenes	426	**411**	**96**	64-121	
75-25-2	Bromoform	214	**233**	**109**	72-130	
100-42-5	Styrene	212	**230**	**108**	72-126	
95-47-6	o-Xylene	214	**205**	**96**	64-120	
111-84-2	n-Nonane	214	**204**	**95**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**209**	**98**	66-122	
98-82-8	Cumene	214	**207**	**97**	64-121	
80-56-8	alpha-Pinene	212	**199**	**94**	62-136	
103-65-1	n-Propylbenzene	214	**210**	**98**	65-123	
622-96-8	4-Ethyltoluene	210	**207**	**99**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**207**	**98**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**223**	**105**	63-129	
100-44-7	Benzyl Chloride	214	**225**	**105**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**213**	**100**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**210**	**98**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**217**	**101**	67-128	
5989-27-5	d-Limonene	212	**225**	**106**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**235**	**110**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**247**	**114**	62-140	
91-20-3	Naphthalene	212	**275**	**130**	57-149	
87-68-3	Hexachlorobutadiene	214	**216**	**101**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2044396**	Issue Date	: 21-May-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-141-20	Page	: 1 of 5
Order number	: ----	Date Samples Received	: 14-May-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 14-May-2020 - 21-May-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.
The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.
Should a sample contain sediment it is decanted prior to volatile compounds determination.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **WATER**

				Client sample ID	SW10		SW14		----	
				Laboratory sample ID	PR2044396-001		PR2044396-002		----	
				Client sampling date / time	12-May-2020		12-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations									
Aluminium	W-METAXFX1	0.010	mg/L	**0.233**	± 10.0%	**0.053**	± 10.0%	**----**	----
Antimony	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Arsenic	W-METAXFX1	0.0050	mg/L	<0.0050	----	<0.0050	----	**----**	----
Barium	W-METAXFX1	0.00050	mg/L	**0.175**	± 10.0%	**0.0418**	± 10.0%	**----**	----
Beryllium	W-METAXFX1	0.00020	mg/L	<0.00020	----	<0.00020	----	**----**	----
Bismuth	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Boron	W-METAXFX1	0.010	mg/L	**0.079**	± 10.0%	**0.124**	± 10.0%	**----**	----
Cadmium	W-METAXFX1	0.00040	mg/L	<0.00040	----	<0.00040	----	**----**	----
Calcium	W-METAXFX1	0.0050	mg/L	**92.4**	± 10.0%	**79.8**	± 10.0%	**----**	----
Chromium	W-METAXFX1	0.0010	mg/L	**0.0012**	± 10.0%	**0.0013**	± 10.0%	**----**	----
Cobalt	W-METAXFX1	0.0020	mg/L	<0.0020	----	<0.0020	----	**----**	----
Copper	W-METAXFX1	0.0010	mg/L	**0.0032**	± 10.0%	**0.0047**	± 10.0%	**----**	----
Iron	W-METAXFX1	0.0020	mg/L	**0.170**	± 10.0%	**0.0423**	± 10.0%	**----**	----
Lead	W-METAXFX1	0.0050	mg/L	<0.0050	----	<0.0050	----	**----**	----
Lithium	W-METAXFX1	0.0010	mg/L	**0.0041**	± 10.0%	**0.0090**	± 10.0%	**----**	----
Magnesium	W-METAXFX1	0.0030	mg/L	**15.2**	± 10.0%	**33.9**	± 10.0%	**----**	----
Manganese	W-METAXFX1	0.00050	mg/L	**0.452**	± 10.0%	**0.0884**	± 10.0%	**----**	----
Mercury	W-HG-AFSFXL	0.0020	µg/L	**0.0023**	± 10.0%	**0.0021**	± 10.0%	**----**	----
Molybdenum	W-METAXFX1	0.0020	mg/L	**0.0096**	± 10.0%	**0.0054**	± 10.0%	**----**	----
Nickel	W-METAXFX1	0.0020	mg/L	**0.0040**	± 10.0%	<0.0020	----	**----**	----
Phosphorus	W-METAXFX1	0.050	mg/L	<0.050	----	<0.050	----	**----**	----
Potassium	W-METAXFX1	0.015	mg/L	**4.13**	± 10.0%	**14.7**	± 10.0%	**----**	----
Selenium	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Silicon	W-METAXFX2	0.010	mg/L	**5.55**	± 10.0%	**3.20**	± 10.0%	**----**	----
Silver	W-METAXFX1	0.0010	mg/L	<0.0010	----	<0.0010	----	**----**	----
Sodium	W-METAXFX1	0.030	mg/L	**51.8**	± 10.0%	**197**	± 10.0%	**----**	----
Strontium	W-METAXFX2	0.0010	mg/L	**3.20**	± 10.0%	**0.845**	± 10.0%	**----**	----
Sulphur	W-METAXFX2	0.060	mg/L	**19.0**	± 10.0%	**29.8**	± 10.0%	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Titanium	W-METAXFX2	0.0010	mg/L	**0.0057**	± 10.0%	**0.0023**	± 10.0%	**----**	----
Vanadium	W-METAXFX1	0.0010	mg/L	<0.0010	----	<0.0010	----	**----**	----
Zinc	W-METAXFX1	0.0020	mg/L	**0.0328**	± 10.0%	**0.0205**	± 10.0%	**----**	----
Zirconium	W-METAXFX2	0.0010	mg/L	**0.0020**	± 10.0%	<0.0010	----	**----**	----
BTEX									
Benzene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Toluene	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
Ethylbenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
meta- & para-Xylene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
ortho-Xylene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Sum of BTEX	W-VOCGMS01	1.10	µg/L	<1.10	----	<1.10	----	**----**	----
Sum of xylenes	W-VOCGMS01	0.30	µg/L	<0.30	----	<0.30	----	**----**	----
Sum of TEX	W-VOCGMS01	0.90	µg/L	<0.90	----	<0.90	----	**----**	----
Sum of BTEX (M1)	W-VOCGMS01	0.550	µg/L	<0.550	----	<0.550	----	**----**	----
Sum of TEX (M1)	W-VOCGMS01	0.450	µg/L	<0.450	----	<0.450	----	**----**	----
Sum of xylenes (M1)	W-VOCGMS01	0.150	µg/L	<0.150	----	<0.150	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.1-Trichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	W-VOCGMS01	0.20	µg/L	**1.70**	± 40.0%	**1.53**	± 40.0%	**----**	----
1.1.2-Trichloroethane	W-VOCGMS01	0.20	µg/L	**0.58**	± 40.0%	**0.52**	± 40.0%	**----**	----
1.1-Dichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2.3-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----

Sub-Matrix: **WATER**

				Client sample ID	SW10		SW14		----	
				Laboratory sample ID	PR2044396-001		PR2044396-002		----	
				Client sampling date / time	12-May-2020		12-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2.3-Trichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2.4-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.2-Dibromo-3-chloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2-Dibromoethane (EDB)	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
1.2-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
1.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.3.5-Trichlorobenzene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
1.3-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.3-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.4-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
2.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
2-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
4-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Bromobenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Bromochloromethane	W-VOCGMS01	2.0	µg/L	<2.0	----	<2.0	----	**----**	----
Bromodichloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Bromoform	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Bromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Chlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Chloroethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Chloroform	W-VOCGMS01	0.10	µg/L	**17.8**	± 40.0%	**16.8**	± 40.0%	**----**	----
Chloromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
cis-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Dibromochloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Dibromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Dichlorodifluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Dichloromethane	W-VOCGMS01	6.0	µg/L	**299**	± 40.0%	**128**	± 40.0%	**----**	----
Hexachlorobutadiene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Sum of 3 Dichlorobenzenes	W-VOCGMS01	0.30	µg/L	<0.30	----	<0.30	----	**----**	----
Sum of 3 Dichlorobenzenes (M1)	W-VOCGMS01	0.150	µg/L	<0.150	----	<0.150	----	**----**	----
Sum of 3 Trichlorobenzenes	W-VOCGMS01	0.40	µg/L	<0.40	----	<0.40	----	**----**	----
Sum of 3 Trichlorobenzenes (M1)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Sum of 4 Trihalomethanes	W-VOCGMS01	0.50	µg/L	**17.8**	----	**16.8**	----	**----**	----
Sum of 4 Trihalomethanes (M1)	W-VOCGMS01	0.250	µg/L	**17.8**	----	**16.8**	----	**----**	----
Sum of 5 Chlorinated Ethenes	W-VOCGMS01	0.60	µg/L	<0.60	----	<0.60	----	**----**	----
Tetrachloroethene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Tetrachloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
trans-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Trichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Trichlorofluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Vinyl chloride	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Sum of 1.2-Dichloroethenes	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.3.5-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Diisopropyl ether (DIPE)	W-VOCGMS01	0.60	µg/L	<0.60	----	<0.60	----	**----**	----
Ethyl tert-Butyl Ether (ETBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Isopropylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
n-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
n-Propylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
p-Isopropyltoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
sec-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Styrene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	**SW10**		**SW14**		**----**	
				Laboratory sample ID	*PR2044396-001*		*PR2044396-002*		----	
				Client sampling date / time	12-May-2020		12-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued										
Sum of BTEXS	W-VOCGMS01	1.3	µg/L		<1.3	----	<1.3	----	**----**	----
Sum of BTEXS (M1)	W-VOCGMS01	0.65	µg/L		<0.65	----	<0.65	----	**----**	----
tert-Amyl Ethyl Ether (TAEE)	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
tert-Amyl Methyl Ether (TAME)	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
tert-Butyl alcohol	W-VOCGMS01	5.0	µg/L		<5.0	----	<5.0	----	**----**	----
tert-Butylbenzene	W-VOCGMS01	1.0	µg/L		<1.0	----	<1.0	----	**----**	----
Indane	W-VOCGMS01	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
1.4-Dioxane	W-VOCGMS01	50	µg/L		<50	----	<50	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Acenaphthylene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Acenaphthene	W-SMVGMS05	0.010	µg/L		**0.017**	± 30.0%	<0.010	----	**----**	----
Fluorene	W-SMVGMS05	0.010	µg/L		**0.012**	± 30.0%	<0.010	----	**----**	----
Phenanthrene	W-SMVGMS05	0.020	µg/L		<0.020	----	<0.020	----	**----**	----
Anthracene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Fluoranthene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Pyrene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Benz(a)anthracene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Chrysene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Benzo(a)fluoranthene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Benzo(b)fluoranthene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Benzo(k)fluoranthene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Benzo(a)pyrene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Indeno(1.2.3.cd)pyrene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Benzo(g.h.i)perylene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Dibenz(a.h)anthracene	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Sum of 16 PAH	W-SMVGMS05	0.19	µg/L		<0.19	----	<0.19	----	**----**	----
Sum of 17 PAH	W-SMVGMS05	0.20	µg/L		<0.20	----	<0.20	----	**----**	----
Naphthalene	W-SMVGMS05	0.030	µg/L		<0.030	----	<0.030	----	**----**	----
PCBs										
PCB 28	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
PCB 52	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
PCB 101	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
PCB 118	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
PCB 138	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
PCB 153	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
PCB 180	W-SMVGMS05	0.010	µg/L		<0.010	----	<0.010	----	**----**	----
Sum of 7 PCBs	W-SMVGMS05	0.070	µg/L		<0.070	----	<0.070	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.

Analytical Methods	*Method Descriptions*
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.
W-SMVGMS05	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN ISO 6468, US EPA 8000D, samples preparation as per CZ_SOP_D06_03_P01 chap. 9.1, 9.4.1. Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
W-VOCGMS01	CZ_SOP_D06_03_155 except chap. 10.5, 10.6 (US EPA 624, US EPA 8260, US EPA 8015, CSN EN ISO 10301, MADEP 2004, rev. 1.1, CSN ISO 11423, CSN EN ISO 15680) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2042680**	Issue Date	: 20-May-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: KTE-133-20	Page	: 1 of 4
Order number	: ----	Date Samples Received	: 12-May-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 11-May-2020 - 20-May-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2042680/001, method W-VOCGMS01, W-SMVGMS05 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2042680/001, method W-SMVGMS05 - (*) = the parameter(s) signed by this symbol couldn't be determined due to complicated matrix.

Should a sample contain sediment it is decanted prior to volatile compounds determination.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

L 1163

Analytical Results

Sub-Matrix: **WATER**

				Client sample ID	SW11		SW15		----	
				Laboratory sample ID	PR2042680-001		PR2042680-002		----	
				Client sampling date / time	06-May-2020		06-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX									
Benzene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Toluene	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
Ethylbenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
meta- & para-Xylene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
ortho-Xylene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Sum of BTEX	W-VOCGMS01	1.10	µg/L	<1.10	----	<1.10	----	**----**	----
Sum of xylenes	W-VOCGMS01	0.30	µg/L	<0.30	----	<0.30	----	**----**	----
Sum of TEX	W-VOCGMS01	0.90	µg/L	<0.90	----	<0.90	----	**----**	----
Sum of BTEX (M1)	W-VOCGMS01	0.550	µg/L	<0.550	----	<0.550	----	**----**	----
Sum of TEX (M1)	W-VOCGMS01	0.450	µg/L	<0.450	----	<0.450	----	**----**	----
Sum of xylenes (M1)	W-VOCGMS01	0.150	µg/L	<0.150	----	<0.150	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.1-Trichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	W-VOCGMS01	0.20	µg/L	**3.15**	± 40.0%	<0.20	----	**----**	----
1.1.2-Trichloroethane	W-VOCGMS01	0.20	µg/L	**0.85**	± 40.0%	<0.20	----	**----**	----
1.1-Dichloroethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.1-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2.3-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2.4-Trichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.2-Dibromo-3-chloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.2-Dibromoethane (EDB)	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
1.2-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.2-Dichloroethane	W-VOCGMS01	0.50	µg/L	<0.50	----	<0.50	----	**----**	----
1.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.3.5-Trichlorobenzene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
1.3-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
1.3-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.4-Dichlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
2.2-Dichloropropane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
2-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
4-Chlorotoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Bromobenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Bromochloromethane	W-VOCGMS01	2.0	µg/L	<2.0	----	<2.0	----	**----**	----
Bromodichloromethane	W-VOCGMS01	0.10	µg/L	**0.12**	± 40.0%	<0.10	----	**----**	----
Bromoform	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Bromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Chlorobenzene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Chloroethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Chloroform	W-VOCGMS01	0.10	µg/L	**20.1**	± 40.0%	<0.10	----	**----**	----
Chloromethane	W-VOCGMS01	1.0	µg/L	**1.4**	± 40.0%	<1.0	----	**----**	----
cis-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
cis-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Dibromochloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Dibromomethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Dichlorodifluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Dichloromethane	W-VOCGMS01	6.0	µg/L	**155**	± 40.0%	<6.0	----	**----**	----
Hexachlorobutadiene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Sum of 3 Dichlorobenzenes	W-VOCGMS01	0.30	µg/L	<0.30	----	<0.30	----	**----**	----
Sum of 3 Dichlorobenzenes (M1)	W-VOCGMS01	0.150	µg/L	<0.150	----	<0.150	----	**----**	----
Sum of 3 Trichlorobenzenes	W-VOCGMS01	0.40	µg/L	<0.40	----	<0.40	----	**----**	----
Sum of 3 Trichlorobenzenes (M1)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Sum of 4 Trihalomethanes	W-VOCGMS01	0.50	µg/L	**20.2**	----	<0.50	----	**----**	----

Sub-Matrix: **WATER**

				Client sample ID	SW11		SW15		----	
				Laboratory sample ID	PR2042680-001		PR2042680-002		----	
				Client sampling date / time	06-May-2020		06-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Sum of 4 Trihalomethanes (M1)	W-VOCGMS01	0.250	µg/L	**20.2**	----	<0.250	----	**----**	----
Sum of 5 Chlorinated Ethenes	W-VOCGMS01	0.60	µg/L	<0.60	----	<0.60	----	**----**	----
Tetrachloroethene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Tetrachloromethane	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
trans-1.3-Dichloropropene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Trichloroethene	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Trichlorofluoromethane	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Vinyl chloride	W-VOCGMS01	0.10	µg/L	<0.10	----	<0.10	----	**----**	----
Sum of 1.2-Dichloroethenes	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
1.2.4-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
1.3.5-Trimethylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Diisopropyl ether (DIPE)	W-VOCGMS01	0.60	µg/L	<0.60	----	<0.60	----	**----**	----
Ethyl tert-Butyl Ether (ETBE)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Isopropylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	W-VOCGMS01	0.20	µg/L	**1.16**	± 40.0%	<0.20	----	**----**	----
n-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
n-Propylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
p-Isopropyltoluene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
sec-Butylbenzene	W-VOCGMS01	1.0	µg/L	**1.6**	± 40.0%	<1.0	----	**----**	----
Styrene	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
Sum of BTEXS	W-VOCGMS01	1.3	µg/L	<1.3	----	<1.3	----	**----**	----
Sum of BTEXS (M1)	W-VOCGMS01	0.65	µg/L	<0.65	----	<0.65	----	**----**	----
tert-Amyl Ethyl Ether (TAEE)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
tert-Amyl Methyl Ether (TAME)	W-VOCGMS01	0.20	µg/L	<0.20	----	<0.20	----	**----**	----
tert-Butyl alcohol	W-VOCGMS01	5.0	µg/L	<5.0	----	<5.0	----	**----**	----
tert-Butylbenzene	W-VOCGMS01	1.0	µg/L	<1.0	----	<1.0	----	**----**	----
Indane	W-VOCGMS01	0.20	µg/L	<1.00	----	<0.20	----	**----**	----
1.4-Dioxane	W-VOCGMS01	50	µg/L	<50	----	<50	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Acenaphthene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Fluorene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Phenanthrene	W-SMVGMS05	0.020	µg/L	<0.140	----	<0.020	----	**----**	----
Anthracene	W-SMVGMS05	0.010	µg/L	<0.040	----	<0.010	----	**----**	----
Fluoranthene	W-SMVGMS05	0.010	µg/L	<0.150	----	<0.010	----	**----**	----
Pyrene	W-SMVGMS05	0.010	µg/L	<0.810	----	<0.010	----	**----**	----
Benz(a)anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Chrysene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Benzo(a)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Benzo(b)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Benzo(k)fluoranthene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Benzo(a)pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Indeno(1.2.3.cd)pyrene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Benzo(g.h.i)perylene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Dibenz(a.h)anthracene	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Sum of 16 PAH	W-SMVGMS05	0.19	µg/L	*	----	<0.19	----	**----**	----
Sum of 17 PAH	W-SMVGMS05	0.2	µg/L	*	----	**----**	----	**----**	----
Sum of 17 PAH	W-SMVGMS05	0.20	µg/L	**----**	----	<0.20	----	**----**	----
Naphthalene	W-SMVGMS05	0.03	µg/L	*	----	**----**	----	**----**	----
Naphthalene	W-SMVGMS05	0.030	µg/L	**----**	----	<0.030	----	**----**	----
PCBs									
PCB 28	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
PCB 52	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
PCB 101	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
PCB 118	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
PCB 138	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----

Sub-Matrix: **WATER**

				Client sample ID	SW11		SW15		----	
				Laboratory sample ID	PR2042680-001		PR2042680-002		----	
				Client sampling date / time	06-May-2020		06-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
PCBs - Continued									
PCB 153	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
PCB 180	W-SMVGMS05	0.010	µg/L	<0.010	----	<0.010	----	**----**	----
Sum of 7 PCBs	W-SMVGMS05	0.070	µg/L	<0.070	----	<0.070	----	**----**	----

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Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
W-SMVGMS05	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN ISO 6468, US EPA 8000D, samples preparation as per CZ_SOP_D06_03_P01 chap. 9.1, 9.4.1. Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
W-VOCGMS01	CZ_SOP_D06_03_155 except chap. 10.5, 10.6 (US EPA 624, US EPA 8260, US EPA 8015, CSN EN ISO 10301, MADEP 2004, rev. 1.1, CSN ISO 11423, CSN EN ISO 15680) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values

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The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2050148**	Issue Date	: 02-Jun-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-133-20	Page	: 1 of 3
Order number	: ----	Date Samples Received	: 12-May-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Sde Dov	Date of test	: 28-May-2020 - 02-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **WATER**

				Client sample ID		SW11		SW15		----	
				Laboratory sample ID		PR2050148-001		PR2050148-002		----	
				Client sampling date / time		06-May-2020		06-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations									
Aluminium	W-METAXFX1	0.010	mg/L	**0.227**	± 10.0%	**0.043**	± 10.0%	**----**	----
Antimony	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Arsenic	W-METAXFX1	0.0050	mg/L	<0.0050	----	<0.0050	----	**----**	----
Barium	W-METAXFX1	0.00050	mg/L	**0.0620**	± 10.0%	**0.117**	± 10.0%	**----**	----
Beryllium	W-METAXFX1	0.00020	mg/L	<0.00020	----	<0.00020	----	**----**	----
Bismuth	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Boron	W-METAXFX1	0.010	mg/L	**0.130**	± 10.0%	**0.095**	± 10.0%	**----**	----
Cadmium	W-METAXFX1	0.00040	mg/L	<0.00040	----	<0.00040	----	**----**	----
Calcium	W-METAXFX1	0.0050	mg/L	**58.7**	± 10.0%	**108**	± 10.0%	**----**	----
Chromium	W-METAXFX1	0.0010	mg/L	**0.0031**	± 10.0%	**0.0078**	± 10.0%	**----**	----
Cobalt	W-METAXFX1	0.0020	mg/L	<0.0020	----	<0.0020	----	**----**	----
Copper	W-METAXFX1	0.0010	mg/L	**0.0136**	± 10.0%	**0.0047**	± 10.0%	**----**	----
Iron	W-METAXFX1	0.0020	mg/L	**0.594**	± 10.0%	**0.0574**	± 10.0%	**----**	----
Lead	W-METAXFX1	0.0050	mg/L	<0.0050	----	<0.0050	----	**----**	----
Lithium	W-METAXFX1	0.0010	mg/L	**0.0056**	± 10.0%	**0.0014**	± 10.0%	**----**	----
Magnesium	W-METAXFX1	0.0030	mg/L	**15.6**	± 10.0%	**19.0**	± 10.0%	**----**	----
Manganese	W-METAXFX1	0.00050	mg/L	**0.299**	± 10.0%	**0.0207**	± 10.0%	**----**	----
Mercury	W-HG-AFSFXL	0.0020	µg/L	**0.0059**	± 10.0%	**0.0071**	± 10.0%	**----**	----
Molybdenum	W-METAXFX1	0.0020	mg/L	**0.0174**	± 10.0%	**0.0038**	± 10.0%	**----**	----
Nickel	W-METAXFX1	0.0020	mg/L	<0.0020	----	<0.0020	----	**----**	----
Phosphorus	W-METAXFX1	0.050	mg/L	<0.050	----	<0.050	----	**----**	----
Potassium	W-METAXFX1	0.015	mg/L	**5.77**	± 10.0%	**11.5**	± 10.0%	**----**	----
Selenium	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Silicon	W-METAXFX2	0.010	mg/L	**5.60**	± 10.0%	**5.65**	± 10.0%	**----**	----
Silver	W-METAXFX1	0.0010	mg/L	<0.0010	----	<0.0010	----	**----**	----
Sodium	W-METAXFX1	0.030	mg/L	**121**	± 10.0%	**75.0**	± 10.0%	**----**	----
Strontium	W-METAXFX2	0.0010	mg/L	**0.694**	± 10.0%	**1.14**	± 10.0%	**----**	----
Sulphur	W-METAXFX2	0.060	mg/L	**31.4**	± 10.0%	**23.6**	± 10.0%	**----**	----
Tellurium	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Thallium	W-METAXFX1	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Tin	W-METAXFX2	0.010	mg/L	<0.010	----	<0.010	----	**----**	----
Titanium	W-METAXFX2	0.0010	mg/L	**0.0087**	± 10.0%	**0.0018**	± 10.0%	**----**	----
Vanadium	W-METAXFX1	0.0010	mg/L	**0.0011**	± 10.0%	<0.0010	----	**----**	----
Zinc	W-METAXFX1	0.0020	mg/L	**0.0202**	± 10.0%	**0.0125**	± 10.0%	**----**	----
Zirconium	W-METAXFX2	0.0010	mg/L	**0.0011**	± 10.0%	<0.0010	----	**----**	----

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Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
W-HG-AFSFXL	CZ_SOP_D06_02_096 (US EPA 245.7, CSN EN ISO 17852, CSN EN 16192, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2.) - Determination of Mercury by Fluorescence Spectrometry. Sample was fixed by nitric acid addition prior to analysis.
W-METAXFX1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.

Analytical Methods	*Method Descriptions*
W-METAXFX2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was fixed by nitric acid addition prior to analysis.

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The calculation methods of summation parameters are available on request in the client service.

נספח 2

ממצאי שדה וטופס משמורת

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 03		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה בוקר - אי שרל תאריך דיגום: 30/9/20 שם הדוגם: מיכאל בוזגלו חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K31-15-3	4.0	10:00	חול חרסיתי חום כהה-שח	0.4		אין	לח	
K31-15-3	5.0	10:20	חול חרסיתי-דקיר דקיק חום	0.6		אין	לח	
K31-15-3	6.0	10:26	חול חרסיתי-דקיר בדקיק חום	0.5		אין	לח	
K331-15-3	7.0	10:30	חול חרסיתי-כהה-שחור פסולת	0.7		אין	לח	
K31-15-3	8.0	10:32	חול חרסיתי-חום כהה	1.2		אין	לח	
K31-15-8	3.0	12:30	אבני חול-שקיר	0.5		אין	לח	
K31-15-8	4.0	12:37	חול חרסיתי-חום בהיר בינוני	0.7		אין	לח	
[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	
K15-31-11	3.0	13:00	חול חרסיתי-צהוב-בז-חום	1.1		אין	לח	
K15-31-11	4.0	13:01	חול חרסיתי-צהוב-בז חום	2.0		אין	לח	
K15-31-11	0.5	13:05	אבני חול בז חום צהוב	3.2		אין	לח	
K15-31-11	1.0	13:06	אבני חול בז חום צהוב	1.2		אין	לח	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	28.6		0.0

שם המכשיר DATA LOGGER+: PPM, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: 115284 תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:40	כיול ב- באויר	0.0	√
9:45	כיול באמצעות גז	98.6	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 2 מתוך 2		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה דוד 18 אי תאריך דיגום: 30/9/20 שם הדוגם: מיקי גולן חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-31-11	2.0	13:08	חול חרסיתי חום בהיר-אפור	1.3		אין	אין	
K15-31-11	5.0	13:12	חול בהיר רטוב- חול	2.8		אין	אין	
K15-31-11	6.0	13:15	חול כהה רטוב-בלס אבנים (חרס)	2.3		אין	אין	
K15-31-13	0.5	13:18	חול כהה, לס- בלס חום	0.8		אין	אין	
K15-31-13	1.0	13:21	חול כהה, לס-בלס חום	1.2		אין	אין	
K15-31-13	2.0	13:24	מילוי חלוי -בקיר	4.1		אין	אין	
K15-31-13	3.0	13:27	חול חרסיתי כהה	2.2		אין	אין	מעט פסולת מתכתית
K15-31-13	4.0	13:30	חול ים בקיר-רטוב-מעט חלוי	2.2		אין	אין	
K15-31-13	5.0	13:45	חול ים בהיר-רטוב-מעט חלוי	1.8		אין	אין	(ריח טרפנטין)
K15-31-13	6.0	13:00	חול ים כהה-רטוב-כתום	3.2		אין	אין	ריח טרפנטין
K15-31-12	0.5	14:30	מילוי-חלוי-בקיר-כהה	1.4		אין	אין	(פסולת אבקלוגית)
K15-31-12	1.0	14:32	מילוי חלוי-כהה+חלוי	3.0		אין	אין	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/11/19	28.4		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:40	כיול ב- באוויר	0.0	
9:45	כיול באמצעות גז	98.4	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 3 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוד- לוז ישראל תאריך דיגום: 30/9/20 שם הדוגם: אחמד פרוש חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: שלפוחית

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-31-12	2.0	14:37	מילוי, חולות-אבני גיר ורס	2.1		אין	יש	
K15-31-12	3.0	14:40	מילוי חלוות + חלוקי גיר	0.9		אין	יש	
K15-31-12	4.0	14:43	חול חרסות: לח. ההיר	0.7		אין	יש	
K15-31-12	5.0	14:45	חול יבש ההיר.	0.7		אין	יש	ריח סולר
K15-31-10	0.5	14:52	חומר מילוי -חולי ההיר	4.0		אין	יש	
K15-31-10	1.0	14:53	חומר מילוי חולי ההיר	4.2		אין	יש	
K15-31-10	2.0	14:55	חומר חולי אדמה חרסתית	3.1		אין	יש	
K15-31-10	3.0	14:57	חרסות חולית כהה לחה	2.2		אין	יש	
K15-31-10	4.0	14:59	חרסות חולית כהה לחה	1.1		אין	יש	
K15-31-10	4.2	15:02	חרסות חולית כהה לחה	1.0		אין	יש	
K15-54-1	0.5	15:04	חול חרסתי חלקי -וק ההיר	1.0		אין	יש	
K15-54-1	1.0	15:06	חול שחור אפר רוח חרוכ	2.1		אין	יש	קרקע שחורה

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
29/1/12	28.4		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 10/11/20, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:10	כיול ב- באויר	0.0	√
9:45	כיול באמצעות גז	98.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 5 מתוך 4		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה-213 תאריך דיגום: 30/9/20 שם הדוגם: מוגן דוושם חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-54-1	2.0	15:08	חול ומעט חרסית	2.0		אין	לח	
K15-54-1	3.0	15:10	חול ומעט חרסית	2.5		אין	לח	
K15-54-3	0.5	15:12	חול ומעט חרסית (מעט מילוי)	1.8		אין	לח	
K15-54-3	1.0	15:13	חול ומעט חרסית-טרשים	2.1		אין	לח	
K15-54-3	2.0	15:16	חול ומעט חרסית-רוח טרשים	1.4		אין	לח	
K15-54-3	3.0	15:17	חול ומעט חרסית-רוח טרשים	1.3		אין	לח	
K15-54-2	0.5	15:21	חול ומעט חרסית	3.1			יבש	
K15-54-2	1.0	15:22	חול ומעט חרסית	2.3			יבש	
K15-54-2	2.0	15:24	חול ומעט חרסית	3.3			יבש	
K15-54-2	3.0	15:26	חול ומעט חרסית	3.4			יבש	
K11-17-10	0.5	15:30	חול ומעט חרסית	0.2			יבש	
K11-17-10	1.0	15:32	חול ומעט חרסית + חלוקי	4.0			יבש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	28.4		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:45	כיול באמצעות גז	98.4	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 5 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה תל-דן 23 תאריך דיגום: 30/9/20 שם הדוגם: מיכל בוגין חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-17-10	2.0	15:37	חול חרסיתי כהה עם	3.1		אין	יש	(לחות)
K11-17-10	3.0	15:40	חול חרסיתי יבש	2.1		אין	יש	רטוב
K11-17-11	0.5	16:11	חומר מילוי + חלוקי	3.7		אין	יש	
K11-17-11	1.0	16:12	חול חרסיתי + מילוי שחור (אספלט)	1.5		אין	יש	רטוב
K11-17-11	2.0	16:15	חול + חלוקי אפור - רווי עם ריח חזק	4.5		אין	יש	
K11-17-11	3.0	16:16	חול + חלוקי אפור - רווי עם ריח חזק	5.4		יש	יש	רטוב
K11-17-9	0.5	16:20	חול מילוי + חלוקי אפור וכהה	4.7		אין	יש	
K11-17-9	1.0	16:21	חול יבש - נקי בגוון כהה ריח טרפנטין	3.5		אין	יש	
K11-17-9	2.0	16:22	חול יבש נקי בגוון כהה ריח טרפנטין	1.7		אין	יש	
K11-17-9	3.0	16:25	חול יבש חרסיתי כהה אין	1.2		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	28.4		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:40	כיול ב- באויר	0.0	
9:42	כיול באמצעות גז	98.4	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה::395
שם הדוגם:
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר תוזה: 30/9/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):	תפוגת הכיול:
*התקבל ע"י: . תאריך: . חתימה: . שעה:	

להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם המשלם: האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון: לשימוש המעבדה האנליטית בלבד
הערות לבדיקות הנדרשות:

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גריל גרגר							משמורת		*מס סידורי רץ (A,B)
K31-15-3	4.0	5	10:00			0.4			X													A11
K31-15-3	5.0	5	10:29			0.6																A12
K31-15-3	6.0	5	10:25			0.5																A13
K31-15-3	7.0	5	10:30			2.7																A14
K31-15-3	8.0	5	10:32		K-15-31-8	1.2																A15
K31-15-3	3.0	5	12:30			0.5				X												A16
K31-15-3	4.0	5	12:31			0.7																A17
[illegible]	[illegible]	[illegible]	[illegible]			[illegible]																A18
K15-31-11	3.0	5	13:00		K-15-31-1	1.0				X												A19
K15-31-11	4.0	5	13:01			2.2				X												A110
K15-31-11	0.5	5	13:05			3.2																A111
K15-31-11	1.0	5	13:06			1.2																A112

עדים לנטילת הדוג'
שם:
חתימה:

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להוראות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1.: צנצנת עם HNO_3 ; 3.ויילים, 3.1.: Nacl(תמיסת מלח), 3.2.: מתנול. 3.3.: קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: GEOPROBE
☐ , לא בהסמכה: _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
נא לסמן האם הדיגום נעשה בהסמכה: _____ שעה: _____ . תאריך סיום האחסון: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____
תאריך תחילת האחסון: _____

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה:395
שם הדוגם: _____
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/הקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6): _____. תפוגת הכיול: _____	
*התקבל ע"י: _____. תאריך: _____. חתימה: _____. שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

| *מס סידורי רץ (A,B) | משמורת | | |

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה:: 395
שם הדוגם: _____
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)____
סוג מכשיר הקידוח:-Geoprobe

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה: 30/9/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר _____	
מס' PID (סוג הנורה Ev 10.6): _____ . תפוגת הכיול: _____	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרים 6+	גרגל גרגר							משמורת	*מס סידורי רץ (A,B)
K15-31-12	2.0	5	10:37			2.1														X	A125
K15-31-12	3.0	5	14:40			0.9			X												A126
K15-31-12	4.0	5	14:43			0.7														X	A127
K15-31-12	5.0	5	14:45			0.7			X												A128
K15-31-10	0.5	5	14:52			4.0			X												A129
K15-31-10	1.0	5	14:53			4.2														X	A130
K15-31-10	2.0	5	14:55			3.1														X	A131
K15-31-10	3.0	5	14:57			2.2			X												A132
K15-31-10	4.0	5	14:59			1.1														X	A133
K15-31-10	4.2	5	15:02			1.0			X												A134
K15-54-1	0.5	5	15:04			1.0		X													A135
K15-54-1	1.0	5	15:06			2.1														X	A136

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2. : מתנול. 3.3. : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

☐ לא בהסמכה: ☑ , (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להג"ס מתאריך: _____
מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תחילת האחסון: _____. שעה: _____. תאריך סיום האחסון: _____. שעה: _____, תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה:395
שם הדוגם: _____
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 3326
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 4 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)____
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:		
שם אתר דיגום:		
כתובת האתר:		
תאריך הדיגום:		מס סקר חוזה:
שם איש הקשר:		
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר_____		
מס' PID (סוג הנורה Ev 10.6):_____. תפוגת הכיול: _____		
*התקבל ע"י: _____. תאריך:_____. חתימה:_____. שעה:_____		

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

*מס סידורי רץ (A,B)	משמורת																				מורכב -מ' חתך - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפן פגום.	שעת הדיגום	כלי הדיגום	עומק (מטר)	זיהוי גק' הדיגום. ע"פ בקשת מזמין העבודה
A137	X																2.0						15:09	5	2.0	K15-541
A138	X															X	2.5						15:10	5	3.0	K15-541
A139	X																1.8						15:12	5	0.5	K15-542
A140	X																2.1						15:13	5	1.0	K15-542
A141																	1.4						15:16	5	2.0	K15-543
A142																X	1.3						15:17	5	3.0	K15-543
A143	X																3.1						15:21	5	0.5	K15-542
A144	X																2.3						15:22	5	1.0	K15-542
A145	X																3.3						15:24	5	2.0	K15-542
A146																X	3.4						15:26	5	3.0	K15-542
A147																X	0.2						15:30	5	0.5	K11-17-10
A148	X																4.0						15:32	5	1.0	K11-17-10

חתימת הדוגם _____. נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____.מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____חותמת + חתימה_____ שעה : _____
תאריך: _____. *תעד טמפ' בעת קבלה במעבדה:-_____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכת קרקע מזוהמת או החשודה בזיהום ודיגום מורדא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר, 2.1: צנצנת עם HNO_3 ; 3.ויילים, 3.1: Nacl(תמיסת מלח), 3.2: מתנול. 3.3: קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת)_____ תאריך_____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
יאריך תחילת האחסון: _____. שעה: _____. תאריך סיום האחסון: _____. שעה: _____, תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: גיל כ"ץ
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33263
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	אקילוב זדה
שם אתר דיגום:	תחנת דלק אשכול
כתובת האתר:	אשכול
תאריך הדיגום:	30/9/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6): _____. תפוגת הכיול: _____	
*התקבל ע"י: _____. תאריך: _____. חתימה: _____. שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: אקילוב האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות המדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפון פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גודל גרגר						משמורת		*מס סידורי רץ (A,B)
K11-17-10	2.0	5	15:37			3.1	X															A40
K11-12-10	3.0	5	15:40			2.1	X															A50
K11-17-11	0.5	5	16:11			0.8															X	A51
K11-17-11	1.0	5	16:12			1.5	X															A52
K11-17-11	2.0	5	16:15			4.3															X	A53
K11-17-11	3.0	5	16:16			5.4	X															A54
K11-17-9	0.5	5	16:20			4.7															X	A55
K11-17-9	1.0	5	16:21			3.5	X															A56
K11-17-9	2.0	5	16:22			1.7															X	A57
K11-17-9	3.0	5	16:25			1.2	X															A58

חתימת הדוגם _____. נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____. מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____. *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

יגים מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עיימות קרקע מזוהמת או החשודה בזיהום ודיגום מורדא"

יגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1: Nacl(תמיסת מלח), 3.2: מתנול. 3.3: קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת
. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

יום נעשה בהסכמה: ☑, לא בהסכמה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____. הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מיום
משמורת: (חתימה+ חותמת)_____ תאריך_____. השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
_____. שעה: _____. תאריך סיום האחסון: _____. שעה: _____, תנאי

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	אדוארד כהן
שם איתר דיגום:	שרה בוך תל אביב
כתובת האיתור:	שרה בוך תל אביב
תאריך הדיגום:	5/3/20 מס סקר חתה: EC0237019
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 _ תפוגת הכיול:12/2019	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. יסולא במקרה שהדגימה נמסרה לאדם שאינו בציו המע

דגימות קרקע – תיעוד ודרישות אנליזה

דף 7 מתוך 7

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנכ"ל:

סמן האם סוף דו"ח (√)

סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395 מעבדה

(6)

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' המסמכה::395
שם הדוגם: איל בן ציון
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה. 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

שם המשלם: אדוארד כהן האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת החיפוש קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , מהיר רגיל.
בדיקות נדרשות + % רגישות

אין להשתמש בחלקים המסופס זה ללא אישור המעבדה:
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
גמ☐ בינ☐ עמ☐

מס' סידורי ריק (A,B)	משמורת		ציאנידים	עופרת	נחושת	כרום +6	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO	PID (ppm)	תעד תריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפן פגום.	מרכב -מ' חשף - ח'	כלי הדיגום	שעת הדיגום	שרטק (מטר)	זיהוי בק' הדיגום. ע"פ בקשת מזמין העבודה
A1										X		X	6.7			5	11:00	0.5	K15.2
A2	X												3.7			5	11:03	1.0	K15.2
A3	X												5.8			5	11:07	2.0	K15.2
A4												X	6.3			5	11:10	3.0	K15.2
A5										X		X	1.4			5	11:14	0.5	K15.4
A6	X												1.7			5	11:16	1.0	K15.4
A7	X												1.7			5	11:20	2.0	K15.4
A8												X	1.6			5	11:23	3.0	K15.4
A9										X		X	1.3			5	11:27	0.5	K15.3
A10	X												1.6			5	11:30	1.0	K15.3
A11	X												0.9			5	11:32	2.0	K15.3
A12												X	0.8			5	11:35	3.0	K15.3

חתימת הדוגם _____ נמסר ע"י: _____
תאריך: 5/3/20 שעה: _____

משודרד KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתימה + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסירת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרד/כנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמות או החשודה בזיהום ודיגום מרוחא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1, : צנצנת עם HNO3 ; 3.ויילים,3.1, Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית עקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה ☐ (הרשות להסמכת מעבדות), במידה וזוהו חריגות נא לתעד _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לקיימ"ש מתאריך: _____
שם מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) _____ תאריך 8/31/20 . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: EC0237019
תאריך תחילת האחסון: 5/3/20 . שעה: _____ . תאריך סיום האחסון: 9/3/20 . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33269
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד דריישות אנליזה
דף 1 מתוך 7
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395

שם הלקוח:	אקונל - הבסה
שם אתר דיגום:	שפה דוך
כתובת האתר:	טבה דוך תל שחיק
תאריך הדיגום:	5/31/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:12/2019	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימלא במקרה שהדגימה נמסרה לאדם שאינו בציד המע

שם המשלם: אקונל [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר להשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות להנחיות הדגימה: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ✓
תוצאות המעבדה יועברו למייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , טהל רגיל.
בדיקות נדרשות + % רשימת

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גרמה משוערר מפלס מי תהום: גמ [ ] בינ [ ] עמ [ ]

דיוקי נק' הדיגום. ע"פ בקשת מזמין העבודה	שעון (מצוי)	שעת הדיגום	כלי הדיגום	מרכב -מ' חנק - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל במרק הזמן הדרוש. 3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר	עופרת	אסבסט				משמורת		*מס סידורי רץ (A,B)
K15.19 ✓	0.5	11:37	5			0.5	X		X													A13
K15.19	1.0	11:40	5			1.0																A14
K15.19	2.0	11:43	5			1.5																A15
K15.19 ✓	3.0	11:46	5			1.8	X															A16
K15.16 ✓ SP	0.5	11:47	5			0.7	X		X													A17
K15.16 ✓	1.0	11:50	5.31			0.9	X			X	X											A18
K15.16	2.0	11:52	5			0.9																A19
K15.16 ✓	3.0	11:54	5			0.6	X															A20
K15.17 ✓ SP	0.5	11:57	5			1.1	X		X													A21
K15.17	1.0	12:00	5			1.2																A22
K15.17	2.0	12:03	5			1.3																A23
K15.17 ✓	3.0	12:06	5.31			1.5	X				X	X										A24

חתימת הדוגם _____ ; נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירמות קרקע מזוהמת או החשודה בזיהום ודיגום מומדא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת עם HNO3 ; 3.ויילים, 3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וווהו חריגות יפו לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . תשיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדגמה: GeoProbe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם איתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	

ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר _____

מס' PID (סוג הנורה Ev 10.6):T-114310 , תפוגת הכיול:12/2019

*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

דגימות קרקע – תיעוד ודרישות אנליזה

דף 1 מתוך 3

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנב"ל:

סמן האם סוף דו"ח (√) ___

סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395 מעבדה

(5)

ארגון דוגם: ד"ר כ"ין טכנולוגיות.

מס' הסמכה::395

שם הדוגם: _____

חתימת הדוגם: _____

כתובת הארגון: המגינים 53 חיפה, 33265

טלפון: 04-8553343

פקס: 04-8553317

מייל: gil@kte.co.il

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

חברה: _____

טלפון: _____

הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: A26

תוצאות המעבדה יועברו במייל: _____

תוצאות המעבדה יועברו בפקס: _____

רמת זהירות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.

בדיקות נדרשות + % רטיבות

אין להשתיק הלקים ממוסף זה ללא אישור המעבדה

הצהרה: טופס זה מתייחס רק לפריטים שנדגמו

גובה משוער ממפלס מי תהום: נמ☐ בינ☐ עמ☐

*מס סידורי רץ (A,B)	משמורת																PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גרגל גרגר	עפרת	אסבסט				זיהוי גק' הדיגום. ע"פ בקשת מזמין העבודה	ערמק (מטר)	שעת הדיגום	כלי הדיגום	מרכב -מ' חמף - ח'	הערות דיגום: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הנדרש. 3.התקבל באפן פגום.
A25																	0.7	X													KE5.6	0.5	12:07	5		
A26	X																0.3														K15.6	1.0	12:10	5		
A27	X																1.4														K15.6	2.0	12:13	5		
A28																	0.5	X		X											K15.6	3.0	12:16	5		
A29																	1.1	X		X											K15.7	0.5	12:40	5		
A30	X																1.5	X/2													K15.7	1.0	12:44	5		
A31	X																1.8														K15.7	2.0	12:46	5		
A32																	1.6	X													K15.7	3.0	12:48	5		
A33																	1.6	X		X	X	X									K15.12	0.5	12:50	5	3	1
A34	X																1.2														K15.12	1.0	12:53	5		
A35	X																0.9	X													K15.12	2.0	12:55	5		
A36	X																1.2														K15.12	3.0	12:58	5		

חתימת הדוגם _____ , נמסר ע"י: _____

תאריך: _____ שעה: _____

משרדי KTE

שם המאחסן: _____ .מקום אחסון: _____

האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתמת + חתימה _____ שעה : _____

תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____

*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'

שם:

חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירומת קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול, 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להג"ס מתאריך: _____

שם מאשר דו"ח טופס המשמורת : (חותמת+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : GEOPROBE

תאריך תחילת האחסון _____ . שעה : _____ . תאריך סיום האחסון _____ . שעה : _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

(2)

דגימות קרקע – תיעוד ותדרישות אנליזה

דף 1 מתוך 7

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנכ"ל:

סמן האם סוף דו"ח (√)

סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום: 5/3/20	מס סקר /חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:12/2019	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בעל המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דוחפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רשימות

אין להשתמש חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גבוה משוער מפלס מי התהום:
נמ☐ בינ☐ עמ☐

דיגום נק' הדיגום. ע"פ בקשות מזמין העבודה	שעת הדיגום	שעמק (מטר)	כלי הדיגום	מודכב -מ' חטף - ח'	תנד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר	עפרת	אזבסטים				משמורת	*מס סידורי רץ (A,B)
K15.12	13:00	4.0	5			0.7	X													X	A37
K15.0	13:04	5.0	5			1.1														X	A38
K15.12	13:06	6.0	5			0.4		X												X	A39
K15.12	13:09	7.0	5			1.3														X	A40
K15.12	13:12	7.5	5			1.3	X														A41
K15.14	13:15	8.5	5			0.5		X		X										X	A42
K15.17	13:20	9.0	5			1.0														X	A43
K15.11	13:24	2.0	3			1.2														X	A44
K15.11	13:30	3.0	5			1.6	X														A45
K16.7	13:33	0.5	5			1.4														X	A46
K16.9	13:35	1.0	5			1.4														X	A47
K15.9	13:37	2.0	5			1.3														X	A48

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ משונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוקדא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO_3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וווהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ . תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון הנדסי: ד"ר כ"ין טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חדרה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה 395

שם הלקוח:	[illegible]
שם אתר הדגימה:	[illegible]
כתובת האתר:	[illegible]
תאריך הדגימה:	5/3/20
מס' סקר חתוך:	
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה: Ev 10.6):T-114310_ תפוגת הכיול:12/2019	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לחשלום: [illegible] האם הדגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיבות

אין להשתמש וחלקים מטופס זה ללא אישור המעבדה:
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום: נמ☐ בינ☐ עמ☐

מס' סידורי רץ (A,B)	משמורת		ציאניד	עופרת	נחלת נרד	כרום +6	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO	PID (ppm)	תעד תריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הנדרש. 3.התקבל באפן פגום.	מרכב -מ' חתך - ח'	כלי הדיגום	שעת הדיגום	שרוק (מטר)	זיהוי גק' הדיגום. ע"פ בקשת מזמין העבודה
A49										X		X	1.3			5	13:40	3.0	K15.9 ✓
A50										X		X	0.5			5	14:16	0.5	K15.1 ✓
A51	X												0.7			5	14:20	1.0	K15.3
A52	X												1.2			5	14:24	2.0	K15.5
A53												X	1.1			5	14:26	3.0	K15.13 ✓
A54										X		X	1.3			5	14:30	0.5	K15.10 ✓
A55	X												1.0			5	14:35	1.0	K15.9
A56	X												0.5			5	14:37	2.0	K15.10
A57												X	0.9			5	14:39	3.0	K15.10 ✓
A58												X	1.0			5	14:49	0.5	K15.1 ✓
A59	X												0.7			5	14:52	1.0	K15.1
A60	X												0.9			5	14:56	2.0	K15.1

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתימת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לצורך הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמות או החשודה בזיהום ודיגום מונדא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 : צנצנת עם HNO3 , 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות מה לעיל: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) _____ תאריך _____ השיטה : דיגום קרקע/ דיגום מע'וס/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : GeoProbe
תאריך תחילת תהאחסון _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	שדות כח
שם אתר דיגום:	213 298
כתובת האתר:	שדי נס. נס ציונה
תאריך הדיגום:	5/3/20 — מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 , תפוגת הכיול:12/2019	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

דגימות קרקע – תיעוד דרישות אנליזה
דף 6 מתוך 7
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395 מעבדה

טופס שרשרת משמורת- COC

אורגן דוגם: ד"ר כ"ין מכטלגיות.
מס' המסמכה::395
שם הדוגם: CCJB B.W
חתימת הדוגם: _____
כתובת האורגן: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

שם המשלם: אדות כח האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות למדידות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיזות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפרטים שנדגמו
נוכחה משוער מפלס מי תהום: גמ☐ בינ☐ עמ☐

מס' סידורי ריק (A,B)	משמורת		ציאנידים	עופרת	גיבל גרגיר	כרום +6	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO	PID (ppm)	תעד הריגות: 1. לא נשמרה במסמ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפן פגום.	מדרכה -מ' חנוך - ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי גק' הדיגום. ע"מ בקשות מזמין העבודה
AG1										X		X	1.2			5	14:58	3.0	K5.4 ✓
AG2										X		X	0.9			5	15:00	0.5	K5.5 ✓
AG3	X									5X		3X	1.2			5	15:03	1.0	K5.5
AG4	X												0.9			5	15:06	2.0	K5.5
AG5												X	1.2			5	15:10	3.0	K5.5 ✓
AG6										X		X	0.9			5	15:961	0.5	K5.7 ✓
AG7	X												1.1			5	15:36	1.0	K5.7
AG8	X												0.9			5	15:38	2.0	K5.7
AG9												X	1.0			5	15:40	3.0	K5.7 ✓
AG10												X	0.4			5	15:45	0.5	K5.3 ✓
AG11	X												1.2			5	15:50	1.0	K5.9
AG12	X												0.7			5	15:53	2.0	K5.3

עדים לנטילת הדוג
שם:
חתימה:

התקבל במעבדה ע"י _____ חותמת + חתימת _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכות קרקע מזוהמת או החשודה בזיהום ודיגום מוקדא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ,3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום : _____

נא לסמן האם הדיגום נעשה בהסמכה : ☑ , לא בהסמכה : ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין : _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך : _____
שם מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : 6209'06C
תאריך תחילת האחסון : _____ . שעה : _____ . תאריך סיום האחסון : _____ . שעה : _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

אי'גון דגם: ד"ר כ"ין טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: _____
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 2
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם טוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום: 5/3/20	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אתר _____	
סוג PID (סוג הנורה 10.6 Ev):T-114310 _ תפוגת הכיול:12/2019	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17020:2012
מס' 395 No.

*ברה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים ממוסף זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום: נמ☐ כי☐ עמ☐

דיגום בק' הדיגום, ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכב -מ' חנף - ח'	תעד תריגות: 1. לא נשפרה כמסמ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הנדרש. 3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	מיום 6+	גרגל גיגר	עופרת	אסבסט				משמורת		*מס סידורי רץ (A,B)
K53	3.0	15:56	5			0.8	X		X													A23
K5 1/4	0.5	16:03	5			0.3	X		X													A24
K5 1/2	1.0	16:06	5			0.7															X	A25
K5 1/3	2.0	16:09	5			0.8															X	A26
K5 1/4	3.0	16:11	5			0.7	X				X	X										A22
K5 1/5	0.5	16:15	5			0.7	X		X	X												A23
K5 1/6	1.0	16:20	5			0.9					X	X										A24
K5 1/5	2.0	16:29	5			0.8															X	A25
K5 1/5	3.0	16:31	5			0.9	X														X	A26
																					X	
																					X	

TB
FB

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

לשימושי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכת קרקע מזוהמת או החשודה בזיהום ודיגום מוקדא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת עם HNO3 ; 3.ויילים, 3.1. :Nacl(תמיסת מלח), 3.2 : מתנול, 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להג"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת : (חותמת+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Eccoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום: 05/03/20	מס סקר זיהוי:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:12/2019	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 1
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

KTE-03-20-AAW to Eyal.xls

טופס שרשרת משמורת- COC

דוגם מוסמך 395 מעבדה

ארגון דוגם: ד"ר כ"ן טכנולוגיות
מס' הסמכה::395
שם הדוגם: גיל
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

שם המשלם: אקולוג יזמה
איש קשר לתשלום: גיל
חברה:
טלפון:
הערות לבדיקות הנדרשות:

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דוחפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי בק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (משר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חתך - ח'	תעד חריגות: 1. לא נשמרה כמות מתאימה. 2.לא התקבל או טופל בפרק הזמן הנדרש. 3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גידל גרגר							משמורת	*מס סידורי רץ (A,B)
K15.2	0.5	5	11:00	ח		1.7	X		X												
K15.16	0.5	5	11:43	ח		0.7	X		X												
K15.12	0.5	5	11:52	ח		1.1	X														

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 : צנצנת עם HNO_3 ; 3.1,ויילים: Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חותמת+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395 מספר

KTE Co.
Dr. G. Katz- Technologies & Enterprises

טפסים

דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנשא: בדיקת ממצאי שדה
מהדורה מס':02	
תקף מתאריך: 24.06.2018 מחליף את: 04.05.2017	נכתב ע"י: אייל שוורץ, מנהל איכ"ס חתימה:
עמוד1מתוך1	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

שם האתר: שדה דוב - נס חתימה: שם הדוגם: מיקי פולק

1

GeoProbe ציוד הקידוח: ECO 2312 19 מס' סקר חוזה: 513/20 תאריך הדיגום:

סוג מכשיר הקידוח: תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קריר

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.2	0.5	11:00	חול וקצת חומר מילוי - צבע אפור - ריח קל.	6.7		אין	מעט
K15.2	1.0	11:03	חול וקצת חומר מילוי - צבע אפור - ריח אופייני.	3.7		אין	מעט
K15.2	2.0	11:07	חול וקצת חומר אפור ריח אופייני	5.8		אין	מעט
K15.2	3.0	11:10	חול וקצת חומר לחות + אפור.	6.8		אין	מעט
K15.4	0.5	11:14	חרסית חולית- צבע כהה	1.4		אין	אין
K15.4	1.0	11:16	חרסית חולית- צבע אפור ריח אופייני	1.7		אין	אין
K15.4	2.0	11:20	חרסית חולית- צבע אפור ריח אופייני	1.7		אין	אין
K15.4	3.0	11:23	חרסית חולית- אפור כהה	1.6		אין	אין
K15.18	0.5	11:27	חרסית-חולית חול וקצת צבע כהה-אפור	1.3		אין	אין
K15.18	1.0	11:30	חול וקצת כהה ולח.	1.6		אין	אין
K15.18	2.0	11:32	חול וקצת- כהה ורטוב ולח.	0.9		אין	אין
K15.18	3.0	11:35	חול וקצת- כהה ורטוב ולח.	0.8		אין	אין

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/4/24	25.2	23	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE
(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באוויר	0.0	√
10:00	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395

KTE Co.

Dr. G. Katz- Technologies & Enterprises

טפסים

דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנרשא: בדיקת ממצאי שדה
מהדורה מס':02	
מחליף את: 04.05.2017	תקף מתאריך: 24.06.2018
נכתב ע"י: אייל שוורץ, מנהל איכ"ס	חתימה:
אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 1 מתוך 1	

שם האתר: שדה דוב-רפיח שם הדוגם: מי קן קוליס חתימה:

ציוד הקידוח: GEOPROBE . מס' סקר חוזה: _____ תאריך הדיגום: 5/3/20

סוג מכשיר הקידוח: _____ . תנאים מטאורולוגיים (הקף בעיגול) יום גשום/ משונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.19	0.5	11:37	חול ופ- בהיר ולח	0.5		אין	לח
K15.19	1.0	11:40	חול ופ- בהיר ולח	1.0		אין	לח
K15.19	2.0	11:43	חול ופ- כהה ולח	1.5		אין	לח
K15.19	3.0	11:44	חול ופ כהה ולח	1.8		אין	לח
K15.16	0.5	11:47	חול ופ בהיר מאוד בינוני גס	0.7		אין	לח
K15.16	1.0	11:50	חול ופ- אפרפר כהה מאוד!	0.9		אין	לח
K15.16	2.0	11:53	חול ופ- בהיר קצת כהה בינוני גס קצת רווי מעוות	0.8		אין	לח
K15.16	3.0	11:54	חול ופ- כהה- קצת רווי מעוות	0.6		אין	לח
K15.17	0.5	11:57	חול ופ- בהיר קל	0.4		אין	לח
K15.17	1.0	12:00	חול ופ בהיר כהה	1.0		אין	לח
K15.17	2.0	12:02	חול ופ בהיר כהה	1.3		אין	לח
K15.17	3.0	12:04	חול ופ בהיר כהה	1.5		אין	לח

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח המתוח
27/4/24	25.2	23	0.0

שם המכשיר: PPB:+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:00	כיול באמצעות גז	98.5	

- בצע חזרה ומצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנשא: בדיקת ממצאי שדה
מהדורה מס':02	
תקף מתאריך: 24.06.2018 מחליף את: 04.05.2017	נכתב ע"י: אייל שוורץ, מנהל איכ"ם חתימה:
עמוד1מתוך1	אושר ע"י: ד"ר גיל כ"ן, מנכ"ל חתימה:

3

שם האתר: _____ שם הדוגם: _____ חתימה: _____

תאריך הדיגום: 5/3/20 מס' סקר חוזה: _____ ציוד הקידוח: _____

סוג מכשיר הקידוח: _____ תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.6	0.5	12:07	חרסית חולית-חול יפ להיר	0.2		אין	לח
K15.6	1.0	12:10	חרסית חולית-חול יפ	0.3		אין	לח
K15.6	2.0	12:13	חול יפ-אפר חגל	1.4		אין	לח
K15.6	3.0	12:16	חול יפ נקי-להיר	0.5		אין	לח
K15.8	0.5	12:00	חול יפ-חרסית חולית-כהה	1.1		יש	לח
K15.8	1.0	12:04	חול יפ-חרסית-חולית-כהה	1.5		אין	לח
K15.8	2.0	12:40	חול יפ-חרסית-פסלים ריח חזק	1.8		אין	לח
K15.8	3.0	12:49	חול יפ-חרסית	1.6		אין	לח
K15.12	0.5	12:50	חול יפ-בהיר	1.6		אין	לח
K15.12	1.0	12:53	חול יפ-בהיר	1.2		אין	לח
K15.12	2.0	12:55	חול יפ-בהיר	0.9		אין	לח
K15.12	3.0	12:58	חול יפ-בהיר	1.2		אין	לח

תאריך תמונת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח המתוח
	25.2	23	0.0

שם המכשיר: PPB:DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:00	כיול באמצעות גז	98.5	

- בצע חזרה ומצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנושא: בדיקת ממצאי שדה
מהדורה מס':02	
תקף מתאריך: 24.06.2018	מחליף את: 04.05.2017
נכתב ע"י: אייל שוורץ, מנהל איכ"ם	חתימה:
אישר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 1 מתוך 1	

4

שם האתר: שדה בוקר - תל עדיף שם הדוגם: עידן מלכה חתימה: [illegible]

תאריך הדיגום: 5/3/20 מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

סוג מכשיר הקידוח: _____ תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.12	4.0	13:00	חול וסלע בזלת	0.7		אין	יש
K15.12	5.0	13:04	חול וסלע בזלת	1.1		אין	יש
K15.12	6.0	13:06	חול וסלע בזלת	0.4		אין	יש
K15.12	7.0	13:09	חול וסלע בזלת	1.3		אין	יש
K1512	7.5	13:12	חול וסלע בזלת	1.3		אין	יש
K15.12	0.5	13:15	חול וסלע בזלת	0.5		אין	יש
K15.11	1.0	13:20	חול וסלע בזלת	1.0		אין	יש
K15.11	2.0	13:25	חול וסלע בזלת	1.2		אין	יש
K15.11	3.0	13:30	חול וסלע בזלת	1.6		אין	יש
K15.9	0.5	13:33	חול וסלע בזלת	1.4		אין	יש
K15.9	1.0	13:35	חול וסלע בזלת	1.4		אין	יש
K15.9	2.0	13:37	חול וסלע בזלת	1.3		אין	יש

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/4/24	25.2	23	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	ניול ב- באויר	0.0	√
10:00	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנושא: בדיקת ממצאי שדה
מהדורה מס':02	
תוקף מתאריך: 24.06.2018	מחליף את: 04.05.2017
נכתב ע"י: אייל שוורץ, מנהל איכ"ם	חתימה:
אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 1 מתוך 1	

שם האתר: שדה דוד - תל שם הדוגם: אייל דויטש חתימה:

תאריך הדיגום: 5/3/20 מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

סוג מכשיר הקידוח: _____ תנאים מטאורולוגיים (הקף בעיגול) יום גשום/ משונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K5.9	3.0	13:50	חול ומעט חצץ	1.3	1.2	אין	יש
K5.13	0.5	14:16	חול ומעט כבוד	0.5	0.6	אין	יש
K5.13	1.0	14:20	חול ומעט כבוד	0.7	0.7	אין	יש
K5.13	2.0	14:24	חול ומעט חצץ	1.2	1.2	אין	יש
K5.13	3.0	14:26	חול ומעט חצץ	1.1	1.0	אין	יש
K5.10	0.5	14:30	חול ומעט חצץ	1.0	0.9	אין	יש
K5.10	1.0	14:35	חול ומעט חצץ	1.0	1.0	אין	יש
K5.10	2.0	14:37	חול ומעט חצץ	0.5	0.5	אין	יש
K5.10	3.0	14:39	חול ומעט חצץ	0.9	0.9	אין	יש
K5.1	0.5	14:49	חול ומעט חרסית	1.0		אין	יש
K5.1	1.0	14:52	חול ומעט חרסית	0.7		אין	יש
K5.1	2.0	14:54	חול ומעט חרסית	0.9		אין	יש

תאריך תמונת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר חשטח המתוח
27/4/19	25.2	23	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:04	כיול ב- באויר	0.0	√
10:05	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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No. 395

KTE Co.

Dr. G. Katz- Technologies & Enterprises

טפסים

דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנושא: בדיקת ממצאי שדה
מהדורה מס':02	
תקף מתאריך: 24.06.2018	מחליף את: 04.05.2017
נכתב ע"י: אייל שוורץ, מנהל איכ"ס	תתימה:
אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	תתימה:
עמוד1מתוך1	

6

שם האתר: _____ שם הדוגם: _____ חתימה: _____

תאריך הדיגום: _____ מס' סקר חוזה: 5/3/20 ציוד הקידוח: GeoProbe

סוג מכשיר הקידוח: _____ תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.1	3.0	14:56	חול עם- חרסית	1.2		אין	לח
K15.5	0.5	15:00	חול עם- חרסית	0.9		אין	לח
K15.5	1.0	15:03	חול עם- חרסית	1.2		אין	לח
K15.5	2.0	15:06	חרסית- חולית	0.9		אין	לח
K15.5	3.0	15:10	חרסית שחלה- חומה	1.2		אין	לח
K15.7	0.5	15:30	חרסית- חולית בצבע חום	0.8		אין	לח
K15.7	1.0	15:35	חרסית- חולית בצבע חום	1.1		אין	לח
K15.7	2.0	15:40	חרסית- חולית בצבע חום	0.9		אין	לח
K15.7	3.0	15:45	חרסית חומה	1.0		אין	לח
K15.3	0.5	15:50	חול עם- חרסית	0.6		אין	לח
K15.3	1.0	15:53	חול עם חרסית	1.2		אין	לח
K15.3	2.0	15:56	חול עם חרסית	0.7		אין	לח

תאריך תמונת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/6/24	23	25.2	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:00	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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ISRAC
הרשות הלאומית להסמכות מעבדות
ISO/IEC 17025
No. 395

KTE Co.

Dr. G. Katz- Technologies & Enterprises

טפסים

דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנרשא: בדיקת ממצאי שדה
מהדורה מס':02	
תקף מתאריך: 24.06.2018	מחליף את: 04.05.2017
עמוד1מתוך1	

נכתב ע"י: אייל שוורץ, מנהל איכ"ס — חתימה:

אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

7

שם התאטר: _____ שם הדוגם: _____ חתימה: _____

ציוד הקידוח: _____ מס' סקר חוזה: _____ תאריך הדיגום: 5/3/20

סוג מכשיר הקידוח: _____ תנאים מטראולוגיים (הקף בעיגול) יום גשום/ משונן/ לי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.3	3.0	15.56	חול וצ- חרסית	0.9		אין	
K15.14	0.5	16:03	חול וצ- כחיר	0.5		אין	
K15.14	1.0	16:06	חול וצ- כחיר	0.3		אין	
K16.14	2.0	16:09	חול וצ- כחיר	0.8		אין	
K15.14	3.0	16:11	חול וצ- כחיר	0.9		אין	
K15.15	0.5	16:15	חול וצ- צרחית	0.8		אין	
K15.15	1.0	16:17	חול וצ- צרחית	0.9		אין	
K15.15	2.0	16:25	חול וצ- כחיר	0.8		אין	
K15.15	3.0	16:29	חול וצ- כחיר	0.9		אין	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/11/19	25.2	23	0.0

שם המכשיר: PPB :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:05	כיול באמצעות גז	95.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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KTE Co.

Dr. G. Katz- Technologies & Enterprises

טפסים

דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20

מהדורה מס': 02

הנושא: בדיקת ממצאי שדה

נכתב ע"י: אייל שוורץ, מנהל איכ"ם — חתימה:

אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

תקף מתאריך: 24.06.2018 — מחליף את: 04.05.2017

עמוד 1 מתוך 1

שם האתר: _____ שם הדוגם: _____ חתימה: _____

תאריך הדיגום: _____ מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

סוג מכשיר הקידוח: _____ . תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
15.	0.5	16:45	חול ים בינוני - כהה - אחיד.	0.3		אין	לא
15.	1.0	16:50	חול ים - בינוני, אחיד - כהה שחור מעל	0.4		אין	לא
15.	2.0	16:55	חול ים - גס - בינוני לדקיק עם חצץ בינוני - גבוה	0.2		אין	לא
15	3.0	16:58	חול חלק - כהה אחיד.	0.6		אין	לא
15.31	0.5	17:02	חול כהה - מעל אחיד נרשם מעלים.	0.1		אין	לא
15.31	1.0	17:05	דומה מ [illegible] כהה. עם מעל אחיד	0.3		אין	לא
15.31	2.0	17:07	דומה כהה - עם אחיד שחור	0.2		אין	לא
15.31	3.0	17:10	דומה כהה אחיד מעל דומה אחר	0.2		אין	לא

תאריך תמונת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/4/20	27.2	28	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	95.7	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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דוגם מוסמך
מעבדה 395

KTE Co.

Dr. G. Katz- Technologies & Enterprises

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395

טפסים

טופס מס': KTE – F 20	הנושא: בדיקת ממצאי שדה
מהדורה מס': 02	
תקף מתאריך: 24.06.2018	מחליף את: 04.05.2017
נכתב ע"י: אייל שוורץ, מנהל איכ"ם	חתימה:
אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 1 מתוך 1	

שם האתר: [illegible] שם הדוגם: [illegible] חתימה: [illegible]

תאריך הדיגום: [illegible] מס' סקר חוזה: [illegible] . ציוד הקידוח: [illegible]

סוג מכשיר הקידוח: [illegible] . תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.54	0.5	15:59	[illegible]	0.7		[illegible]	[illegible]
K15.54	1.0	16:01	[illegible]	0.6		[illegible]	[illegible]
K15.54	2.0	16:03	[illegible]	0.3		[illegible]	[illegible]
K15.54	3.0	16:04	[illegible]	0.2		[illegible]	[illegible]
K15.53	0.5	16:10	[illegible]	0.1		[illegible]	[illegible]
K15.53	1.0	16:13	[illegible]	0.1		[illegible]	[illegible]
K15.53	2.0	16:16	[illegible]	0.1		[illegible]	[illegible]
K15.53	3.0	16:20	[illegible]	0.0		[illegible]	[illegible]
K15.29	0.5	16:26	[illegible]	0.2		[illegible]	[illegible]
K15.29	1.0	16:30	[illegible]	0.1		[illegible]	[illegible]
K15.29	2.0	16:33	[illegible]	0.1		[illegible]	[illegible]
K15.29	3.0	16:36	[illegible]	0.2		[illegible]	[illegible]

תאריך תמונת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/11/24	27.0	28	0.0

שם המכשיר: PPB:DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	95.7	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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דוגם מוסמך
מעבדה 395

KTE Co.

Dr. G. Katz- Technologies & Enterprises

ISRAC הרשות הלאומית להסמכת מעבדות ISO/IEC 17025 No. 395

טפסים

טופס מס': KTE – F 20

מהדורה מס': 02

הנושא: בדיקת ממצאי שדה

נכתב ע"י: אייל שוורץ, מנהל איכ"ס	חתימה:
אושר ע"י: ד"ר גיל כ"ץ, מעכ"ל	חתימה:

תוקף מתאריך: 24.06.2018 | מחליף את: 04.05.2017

עמוד 1 מתוך 1

שם האתר: קניון חוף הכרמל שם הדוגם: עומר פרנקל חתימה:

תאריך הדיגום: 27/4/18 מס' סקר חוזה: . ציוד הקידוח: Geoprobe

סוג מכשיר הקידוח: . תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K15.22	0.5	15:00	חומר מילוי מדרך עד עומק 70 ס"מ	0.7		אין	
K15.22	1.0	15:06	חול בהיר - אפור עם אבנים	0.5		אין	
K15.22	2.0	15:09	חול בהיר - אפור עם רסיסים	0.3		אין	
K15.22	3.0	15:12	שינוי בגוון ובאופי הקרקע בעומק 3 מ'	0.7		אין	
K15.30	0.5	15:20	חומר מילוי מדרך עד עומק 80 ס"מ			אין	
K15.30	1.0	15:23	חול בהיר עם שכבות בינוניות [redacted]			אין	
K15.30	2.0	15:26	חול בהיר בגוון כתום			אין	
K15.30	3.0	15:30	חול בהיר - אפור עם שכבות			אין	
K15.59	0.5	15:44	חול בהיר עם שכבות			אין	
K15.50	1.0	15:48	חול בהיר עם שכבות			אין	
K15.59	2.0	15:52	חול בהיר עם שכבות			אין	
K15:59	3.0	15:55	חול בהיר			אין	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/4/18	27.0	28	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	95.7	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395

KTE Co.

Dr. G. Katz- Technologies & Enterprises

טפסים

דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20

מהדורה מס': 02

הנושא: בדיקת ממצאי שדה

נכתב ע"י: אייל שוורץ, מנהל איכ"ם — חתימה:

אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

תקף מתאריך: 24.06.2018 — מחליף את: 04.05.2017

עמוד 1 מתוך 1

שם האתר: _____ שם הדוגם: _____ חתימה: _____

תאריך הדיגום: 9/3/20 מס' סקר חוזה: _____ ציוד הקידוח: _____

סוג מכשיר הקידוח: _____ תנאים מטאורולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K552	0.5	11:30		1.5		אין	אין
K552	1.0	11:33		0.7		אין	אין
K15.52	2.0	11:35		0.8		אין	אין
K15.52	3.0	11:38		0.7		אין	אין
K520	0.8	11:55		0.7		אין	אין
K15.20	1.0	12:00		0.6		אין	אין
K538	0.5	12:10		0.5		אין	אין
K553B	1.0	12:15		0.8		אין	אין
K553B	2.0	13:06		0.5			
K15.53	3.0	13:10		0.7			
K5.53	0.5	13:20		0.7			
K15.52	1.0	13:26		0.7			

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח המתוח
27/1/20	22.0	28	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9.00	כיול ב- באויר	0.0	
9.00	כיול באמצעות גז	95.7	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

Ha'Meginim Ave. 53, Haifa . ISRAEL 3326518
Tel. 972-4-8553343 , F – 8553317 , gil@kte.co.il , M- 052-3491773,www.kte.co.il

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395

KTE Co.

Dr. G. Katz- Technologies & Enterprises

טפסים

דוגם מוסמך מעבדה 395

טופס מס': KTE – F 20	הנושא: בדיקת ממצאי שדה
מהדורה מס':02	
נכתב ע"י: אייל שוורץ, מנהל איכ"ם — תתימה:	תקף מתאריך: 24.06.2018 — מחליף את: 04.05.2017
אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — תתימה:	עמוד1מתוך1

שם האתר: _____ שם הדוגם: _____ חתימה: _____

תאריך הדיגום: _____ מס' סקר חוזה: _____ . ציוד הקידוח: _____

סוג מכשיר הקידוח: _____ . תנאים מטראולוגיים (הקף בעיגול) יום גשום/ מעונן/ קיצי

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID [ppm]	PID* [ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)
K1S3	2.0	13:30		0.7		אין	יש
K1S3	3.0	13:32		0.2		אין	אין
K1S2	2.0	13:40		0.5		אין	יש
K1S2	3.0	13:44		0.2		אין	יש
K1S1	0.5	13:48		0.3		אין	יש
K1S1	1.0	13:50		0.3		אין	אין
K1S1	2.0	13:53		0.2		אין	יש
K1S1	3.0	13:55		0.1		אין	אין
K1S4	0.5	14:30		1.4		אין	יש
K1S4	1.0	14:35		1.4		אין	יש
K1S4	2.0	14:40		0.4		אין	אין
K1S4	3.0	14:45		0.9		אין	אין

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/11/24	27.0	28	0.0

שם המכשיר: PPB: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310

כייל את המכשיר עם ISOBUTYLENE

(הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

תאריך ביצוע הכיול: 16.12.2018	שם מבצע הכיול: עמוס גזית	חתימת המבצע:

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	95.7	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

Ha'Meginim Ave. 53, Haifa . ISRAEL 3326518
Tel. 972-4-8553343 , F – 8553317 , gil@kte.co.il , M- 052-3491773,www.kte.co.il

KTE-01-20 to Proj & KTE-03-20 to HAW

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	שם סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
סוג PID (סוג הנורה 10.6 eV): T-114310 _ חפוגת הכיול: 12/2019	
*התקבל ע"י: _____ . תאריך: _____ . החזמה: _____ . שעה: _____	

דגימות קרקע – תיעוד ודרישות אנליזה

דף 1 מתוך 5

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנכ"ל:

סמן האם סוף דו"ח (√) ___

סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה 395

8

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: אי
תחימת הדוגם: 3
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

חברה: _____

טלפון: _____

הוראות למדידות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS

תוצאות המעבדה יועברו במייל: _____

תוצאות המעבדה יועברו במקס: _____

רמת דוחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.

בדיקות נדרשות + % רגישות

תעד הוריגות:
1. לא נשמרה בטמפ' מתאימה.
2. לא התקבל או נחתל בפרק הזמן הנדרש.
3. התקבל באופן פגום.

דיווי נק' הדיגום. ע"פ בקשות מזמין העבודה	שעת הדיגום	עומק (מטר)	כלי הדיגום	מורכב -כ' חשוף - ח'	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גרגל גרגר	עופרת	אזבסטים				משמורת	*מס סידורי ר"ק (A,B)
B1																				
B2	11:30	0.5	5		1.5	X		X											X	
B3	11:33	1.0	5		0.7															
B4	11:35	2.0	5		0.8	X														
B5	11:38	3.0	5		0.7	X													X	
B6	11:55	0.8	5		0.7															
B7	12:00	1.0	5		0.6	X		X												
B8	12:10	0.5	5		0.5	X		X												
B9	12:05	1.0	5		0.9			X											X	
B10	12:06	2.0	5		0.5															
B11	12:10	3.0	5		0.7	X		X											X	
B12	12:20	0.5	5		0.7	X		X												
	12:26	1.0	5																	

תחימת הדוגם: _____ . נמסר ע"י: _____

תאריך: _____ שעה: _____

משרדי KTE

שם המאחסן: _____ . מקום אחסון: _____

האחראי על מקום האחסון

התקבל במעבדה ע"י: _____ חותמת + תחימה: _____ שעה: _____

תאריך: _____ . *תעד טפט' בעת קבלה במעבדה: _____

*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'

שם:

תחימה:

ארז להשתמש חלקים מטופס זה ללא אישור המעבדה

האזהרה: טופס זה מתייחס רק לפריטים שסומנו

גובה משוער ממלם מי תהום:

גמ ☐ בינ ☐ עמ ☐

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

תנאים מטאורולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עפימות קרקע מזוהמת אר החשודה בזיהום רדיגום מוזדא"

כלי חדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1.: צנצנת עם HNO3 ; 3.1.ויילים, Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

☐ נא לסמן האם הדיגום נעשה בהסמכה ☐ , לא בהסמכה (חרשות להסמכת מעבדות), במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת עייי המשרד להגנ"ס מתאריך: _____

שם מאשר דו"ח טופס חמשמורת: _____ תאריך _____ . השיטה דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____

תאריך תחילת האחסון: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (חקף בעיגול) צידנית/ מקרר/מקפיא

מנהל איכות KTE

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ין סבטולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד תדריכות אנליזה
דף 2 מתוך 5
מזהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המגב"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395

4

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	מס סקר תוחזר: 3/3/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה (Ev 10.6):T-114310 , תפוגת הכיול:12/2019	
*התקבל ע"י: _____ . תאריך: _____ . התימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציר המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות למדידות תדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , טיהל רגיל.
בדיקות נדרשות + % רגישות

אין להשתמש חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנבדקו
גובה משוער מפלס מי תהום:
נמוך ☐ בינ ☐ עמ ☐

*מס' סידורי רק (A,B)	משמורת															PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גרגיל גרגיר	עפרית	ציאנידים				תעד תריגות: 1. לא נשפרה בטמפ' מתאימה. 2.לא התקבל או טופל כפרק הזמן הדרוש. 3.התקבל באופן פסול.	מורכב -מ' חשוך - ח'	כלי הדיגום	שעת הדיגום	שמק (מטר)	דיסקי קק' הדיגום. ע"פ בקשת מזמין העבודה
B13	X															0.9															5	13:30	2.0	K15.53
B14																0.2	X														5	13:39	3.0	K15.53
B15	X															0.5															5	13:40	2.0	K15.20
B16																0.2	X														5	13:44	3.0	K15.20
B17	X															0.3															5	13:48	0.5	K15.21
B18																0.2	X		X												5	13:50	1.0	K15.21
B19	X															0.2															5	13:53	2.0	K15.21
B20																0.1	X														5	13:55	3.0	K15.21
B21	X															1.4															5	14:30	0.5	K15.41
B22	X															1.4	X		X												5	14:35	1.0	K15.41
B23	X															0.4															5	14:40	2.0	K15.41
B24	X															0.9	X														5	14:45	3.0	K15.41

תאריך הדיגום _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתימת + חתימה _____ שעה: _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנכונות הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירומת קרקע מזוהמת או החשודה בזיהום ודיגום מרוחא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. ; צנצנת עם HNO3 ; 3.1,ויילים, 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כחה, 7. בקבוק זכוכית חום כחה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____
נא לסמן האם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה: ☐ (חרשות להסמכת מעבדות) , במידה וווחו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס בתאריך: _____
שם מאשר דו"ח טופס חמשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדגם: _____
חתימת הדגם: _____
כתובת הארגן: המגינים 53 יאנח, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח: Geoprobe-

דגם מוסכך 395
מעבדה: 6

שם הלקוח:	NGI ISRAEL
שם אתר דיגום:	גת 332-50
כתובת האתר:	גת 332-50
תאריך הדיגום:	9/3/20 מס סקר תזוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:12/2019	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אינג'ל גת האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: נדב כהן האם הדגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו בטיל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דוחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להתחיל בלקום מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפרמטרים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בין☐ עם☐

*מס סידורי רץ (A,B)	משמורת														PID (ppm)	הערות תריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באופן פגום.	מורכב -מ' תוסף - ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
B25	X														0.4			5	15:00	0.5	KE.22
B26															0.5			5	15:06	1.0	K15.22
B27	X														0.3			5	15:09	2.0	K15.22
B28															0.2			5	15:13	3.0	K15.22
B29	X														0.3			5	14:20	0.5	K15.30
B30															0.2			5	15:23	1.0	K1530
B31	X														0.3			5	15:26	2.0	K1530
B32															0.2			5	15:30	3.0	K15.30
B33	X														0.1			5	15:44	0.5	K1559
B34															0.1			5	15:48	1.0	K15.59
B35	X														0.1			5	15:52	2.0	K15.59
B36															0.1			5	15:55	3.0	K15.59

חתימת הדגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ ,מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ , *תעד טפפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טפפ':

הדיגום מבוצע בהתאם להנחיות המשרדכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שרימות קרקע מזוהמות או החשודה בזיהום רדיגום מודאא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1, : צנצנת עם HNO3 ; 3.1,ויילים, : Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנים מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר זיהום:
שם איש הקשר:	
יישוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 eV):T-114310 , תפוגת הכיול:12/2019	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395 מעבדה

ארגון הדוגם: ד"ר כ"ן טכנולוגיות
מס' הסמכה:395
שם הדוגם: גיל כהן
חתימת הדוגם: _____
כתובת הארגון: המגירים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לפרטים הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות: המעבדה יתעבדו במייל: _____
תוצאות המעבדה יתעבדו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיטות

ארון להתעדק הולקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מחייחם רק לפרטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בין☐ עם☐

דיוחי פק' הדיגום, ע"פ בקשות מזמין העבודה	שרוק (מטר)	שעת הדיגום	כלי הדיגום	מדיכב -מ' חסף - ח'	תיעד הריגות: 1. לא נשמרה בטמל מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגיר	עפרת	אסבסט			משמורת	*מס סידורי רק (A,B)
B37		15:50	5			0.7													X
B38	0.5	15:54																	
B39	1.0	16:01	5			0.6	X		X										X
B40	2.0	16:09	5			0.3													
B41	3.0	16:04	5			0.2	X												X
B42	0.5	16:10	5			0.1													
B43	1.0	16:13	5			0.1	X		X										X
B44	2.0	16:16	5			0.1													
B45	3.0	16:20	5			0.0	X												X
B46	0.5	16:26	5			0.2													
B47	1.0	16:30	5			0.1	X												X
B48	2.0	16:33	5			0.1													
	3.0	16:36	5			0.2	X		X										X

תאריך הדוגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתימה + חתימה _____ שעה : _____
תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוגמ
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ושימות קרקע מזוהמת או החשודה בזיהום רדיגום מוידא"
כלי חדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 : צנצנת עם HNO3 ; 3.וויילים,3.1 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כחה, 7. בקבוק זכוכית חום כחה 1 ליטר 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום : _____
נא לסמן האם הדיגום נעשה בהסמכה : ☐ , לא בהסמכה : ☐ (חרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד : _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת הסביבה מתאריך : _____
שם מאשר דו"ח טופס המשמורת : (חותמת+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : _____
תאריך תחילת האחסון : _____ שעה : _____ תאריך סיום האחסון : _____ שעה : _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

*בדוח. יסולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17020:2012
No. 395 מס'

שם הלקוח:	
שם איש דיגום:	
כתובת האתר:	
תאריך הדיגום: 9/3/20	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה T-114310:(Ev 10.6 , תפוגת הכיול:12/2019	
*התקבל ע"י: , תאריך: , חתימה: , שעה:	

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395 מעבדה

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' המסמכה:395
שם הדוגם:
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

שם המשלח:
איש קשר לתשלום:
חברה:
טלפון:
הערות למדיניות הנדרשות:

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רשת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מיועד רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בין☐ עם☐

זיהוי נק' הדיגום, ע"פ בקשת מזמין העבודה	שעת הדיגום	שעק (מטר)	כלי הדיגום	מורכב -מ' חתך - ח'	תיעד הריגות: 1. לא נשמרה כמסמ' מתאימה. 2. לא התקבל אר טופל כפרק הזמן הדרוש. 3. התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגיר	עפרית	אזבסטים			משמורת	*מס' סידורי רך (A,B)
B49	16:49	0.5	5			0.3													X	
B50	16:50	1.0	5			0.1	X		X										X	
B51	16:55	2.0	5			0.2													X	
B52	16:58	3.0	5			0.6	X												X	
B53	17:02	0.5	5			0.1	X		X											
B54	17:04	1.0	5			0.2													X	
B55	17:07	2.0	5			0.2	X													
B56	17:10	3.0	5			0.2													X	
EB																			X	

תחימת הדוגם: , נמסר ע"י:
תאריך: שעה:

משרדי KTE
שם המאחסן: מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י: חותמת + חתימה: שעה:
תאריך: , *תעד טמפ' בעת קבלה במעבדה:
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשויד לתגבת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוידא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1.: צנצנת עם HNO3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כחה, 7. בקבוק זכוכית חום כחה 1 ליטר,7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום:

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת הסביבה מתאריך:
שם מאשר דו"ח טופס חמשמורת: (חתימה+ חותמת) תאריך . תשיטה : (דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GeoProbe
תאריך תחילת התאחסון: , שעה: . תאריך סיום האחסון: . שעה: , תנאי האחסון (חקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות
מס' הסמכה: 395
שם הדוגם: מירון רוזנבלט
חתימת הדוגם: מירון רוזנבלט
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 1
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:			
שם אתר דיגום:			
כתובת האתר:			
תאריך הדיגום:	9/3/20	מס סכר חוזה:	
שם איש הקשר:			

ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר _____
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:12/2019
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לאישור המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ACS מירון
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רפיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום, ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -כ' חמף - ח'	תעד חריגות: 1. לא נשמרה בממ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הנדרש. 3.התקבל כאפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גידל גרגר							משמורת	*מס סידורי רץ (A,B)
K15-56	1	5	16:13	ח		0.1	✓		✓												
K15-39	0.5	5	12:42	ח		0.1	✓														

חתימת הדוגם מירון רוזנבלט נמסר ע"י: _____
תאריך: 9/3/20 שעה: _____

מעבדת KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכות קרקע מזוהמת או החשודה בזיהום ודיגום מודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. צנצנת עם HNO_3 ; 3.1ויילים, 3.2 ; מתנול 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE–F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד _____ מתוך _____		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

1

שם האתר: [illegible] תאריך דיגום: 20/03/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: [illegible]

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K 15:43 54	0.5	9:00	[illegible] כול כשלב [illegible] באזורי בדגימ בקרקע בקרבת.	0.3		אין	יש	
K 15: 43 54	1.0	9:03	כול כשלב באזורי בקרבת בקרקע.	0.2		אין	יש	
K 15: 43 54	2.0	9: 05	[illegible] כול בקרבת אזורים [illegible]	0.3		אין	יש	
K 15: 43 54	3.0	9:09	[illegible] בקרבת שבעת. [illegible]	0.4		אין	יש	
K 15: 51	0.5	9:21	סביבות חלקית מאוד בשטח בקרבת בקרקע.	0.4		אין	לא	
K 15: 51	1.0	9:23	סביבות חלקית מאוד בשטח בקרבת בקרקע.	0.2		אין	לא	
K 15: 51	2.0	9:26	סביבות בשטח מאוד [illegible] בקרבת [illegible]	0.3		אין	לא	
K 15: 51	3.0	9:29	סביבות בשטח בקרבת [illegible] - [illegible]	0.3		אין	לא	
K 15:45	0.5	10:14	[illegible] חלקית - בקרבת [illegible]	0.9		אין	כן	
K 15: 45	1.0	10:17	[illegible] שטח - [illegible] [illegible]	0.8		אין	יש	
K 15. 45	2.0	10:20	[illegible] [illegible] בקרבת [illegible]	0.7		אין	לא	
K 15:46	0.5	10:55	[illegible] חלקית - [illegible]	0.5		אין	לא	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
24/4/2021	19.7		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:55	כיול ב- באויר	0.0	
8:55	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE–F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד _____ מתוך _____		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: _____ תאריך דיגום: 19/3/20 שם הדוגם: _____ חתימה: _____

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K 13.46	1.0	10:58	חמרה - יש פ- אחוזה מת פורר ת	0.3		אין	אין	
K 13.46	2.0	11:01	אינו יהרקב-צוי + חורב -את בורר ת	0.2		אין	אין	
K 13.46	2.4	11:03	חמרה יש פ- אחוזה	0.2		אין	אין	
K 10.2	0.5	12:59	חלק רך- בדס צהוב	1.6		אין	יש	
K 10.2	1.0	13:02	חלק רך ב- בדס צהוב	1.3		אין	יש	
K 10.2	2.0	13:05	הרקב מיתנב - לבדס אחוד-רוח חלק	1.7		יש	יש	
K 10.2	3.0	13:07	חסית אחוס אחורה- כורכב עלוהמ	2.9		יש	יש	
K 10.1	0.5	13:14	חסית-חלות מחוכה	2.8		אין	אין	
K 10.1	1.0	13:16	חל מחור- מה שלא חות	0.6		אין	יש	
K 10.1	2.0	13:18	הרקב ושסוף בדס מחור מת רוח חלק	0.6		יש	יש	
K 10.1	3.0	13:20	הרקב מיתנב בדס אחוד-חלו- רוח חלק	0.4		יש	יש	
K 10.7	0.5	13:30	חול יק-(דאפות) חל מחור רך.	2.4		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
29/11/24	19.9		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:55	כיול ב- באויר	0.0	
9:54	כיול באמצעות גז	99.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE–F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שורץ — חתימה:
עמוד _____ מתוך _____		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

3

שם האתר: שדה בוקר תש | תאריך דיגום: 20/12/20 | שם הדוגם: אביב בחכי | חתימה: _____

מס' סקר חוזה: _____ | ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10.7	1.0	13:33	חול ועץ כ טוב - בסיס	2.1		אין	יש	
K10.7	2.0	13:33	חול חרסית - אפור - רוח חצץ על גיבוש	1.4		אין	יש	
K10.7	3.0	13:37	חרסית חאנב אפור-רוח חצץ על גיבוש	2.2		יש	יש	
K10.14	0.5	13:42	חול חצץ - בסיס צבוע ומכיל אבנים(בסיס)	2.8		אין	יש	
K10:14	1.0	13:44	חול חצץ - בסיס כהה- מכיל בדשות	4.4		אין	יש	
K10:14	2.0	13:46	חול אפור - חרסית - רוח על גיבוש	3.8		יש	יש	
K10:14	3.0	13:48	חרסית חאנב - בסיס אפור - מכיל חצץ	1.6		יש	יש	
K10.2	4.7	13:52	חרסית חאנב - בסיס אפור - רוח חצץ	3.6		קל	קל	
K10.7	4.2	14:10	חרסית חומית בסיס אפור - רוח, מכיל	1.1		קל	קל	
K10-7	4.2	14:32	חרסית אפורה-רוח מכיל - אבנים	1.4		חזק	יש	
K10.14	4.2	14:57	חרסית אפורה מכילה אבנים-אפורה-שכבת	0.5		חזק	יש	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
	19.9		0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:55	כיול ב- באויר	0.0	
8:55	כיול באמצעות גז	99.5	

- בצע וזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

KTE-G1-20

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 3
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe

דוגם מוסמך 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם:	האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר להשלום:	האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:	
טלפון:	
הערות לבדיקות הנדרשות:	לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בי☐ עמ☐

*מס סידורי רץ (A,B)	משמורת																		תעד הריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	מדרך ב-מ' חפץ -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי בק' הדיגום. ע"פ בקשות מזמין העבודה
C1													X	X	0.3								
C2	X														0.2								
C3	X														0.3								
C4														X	0.4								
C5													X	X	0.4								
C6	X														0.2								
C7	X														0.3								
C8														X	0.3								
C9													X	X	0.9								
C10	X														0.2								
C11														~~X~~	0.2								
C12														X	0.5								

עדים לנסילת הדוגמ
שם:
חתימה:

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

חתימת הדוגם _____ נמסר ע"י: _____
תאריך: 10/3/20 שעה: _____

תנאים מטאורולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שריפת קרקע מזוהמת או החשודה בזיהום ודיגום מוידא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כהה 1 ליטר.7.1 בקבוק זכוכית חום כהה, 7. בקבוק זכוכית חום כהה 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה ☐ (הרשות להסמכת מעבדות), במידה וווהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

KTE אנחנו

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 55 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 3
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Géoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	10/31/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הבזיל:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . תחימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לצורכי המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתמש חלקים ממופס זה ללא אישור המעבדה
הצהרה: מופס זה מתייחס רק לפריטים שנדגמו
גובה משוער ממפלס מי תהום:
נמ☐ בינ☐ עמ☐

זיהוי בק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב -מ' חנוך -ח'	תיעד תריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או מופל בפרק הזמן הנדוש.3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום +6	גרגל גרגר	עפרת	ציאנידים					משמורת		*מס סידורי ריק (A,B)
	1.0	10:47	5			0.3															C13	X	
	2.0	11:01	5			0.2															C14	X	
	2.4	11:23	5			0.2	X	U1	X	U1											C15		
	0.5	12:59	5			1.6	X														C16		
	1.0	13:02	5			1.3															C17	X	
	2.0	13:05	5			1.2															C18	X	
	3.0	13:07	5			2.9	X		X												C19		
	0.5	13:14	5			2.3	X		X												C20	X	
	1.0	13:16	5			0.6															C21	X	
	2.0	13:18	5			0.6															C22		
	3.0	13:20	5			0.4	X														C23		
	0.5	13:30				2.4	X		X												C24		

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האותאי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חותמת:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שריפות קרקע מזוהמות או החשודה בזיהום רדיגום מזוהא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. ; צנצנת עם HNO3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגניס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד דרישות אנליזה
דף 3 מתוך 3
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√): √
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך 395
מעבדה: 6

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	10/3/20 מס סקר תוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלוח: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
תכרת: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת זיהויות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רסיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה.
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער ממלט מי תהום:
נמ☐ כינ☐ עמ☐

מס' סידורי ריק (A,B)	משמורת																תיאור נק' הדיגום, ע"פ בקשות מזמין העבודה	עומק (משר)	שעת הדיגום	כלי הדיגום	מזרק ב-מ' חנקן -ח'	תיעד חריגות: 1. לא נשמרה בטמפ' מהאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.
C25	X															2.1				5		
C26	X															1.6				5		
C27										X		X				2.2				5		
C28										X		X				2.8				5		
C29	X															4.6				5		
C30	X															3.8				5		
C31												X				1.4				5		
C32	X											X				[illegible]				[illegible]		
C33												X				3.6				5		
C34												X				1.7				5		
C35	X															1.4				5		
C36												X				0.5				5		

כלי הדיגום	ששת הדיגום	עומק (משר)	שיטת הדיגום
5	13:32	1.0	K 10.7
5	13:33	2.0	K 10.7
5	13:37	3.0	K 10.7
5	13:44	0.5	K 10.14
5	13:44	1.0	K 10.14
5	13:46	2.0	K 10.14
5	13:48	3.0	K 10.14
[illegible]	[illegible]	[illegible]	[illegible]
5	13:52	1.2	K 10.14
5	14:10	4.2	K 10.14
5	14:32	4.2	K 10.7
5	14:52	4.2	K 10.14

FB, TB

תחימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה: _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

צדים לנטילת הדוג
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום רדיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3. ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כתה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשודך להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חותמת+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדגמא: GeoProbe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

מעבדה מוסמכת 395
דוגם מוסמך
מעבדה 395
טופס שרשרת משמורת-COC
שם החברה המבצעת את הדיגום:
כתובת: הבנים 15 ת.ד. 3265 מודיעין 7173265
טלפון: 04-8553343
פקס: 04-8553117
דוא"ל: gilgal@gilgal.co.il
Geophone-מערכת הפעלה:
סוג האם סוף ל"מ (√) √
טיפוס זה אושר ע"י הרשות:
מס' הדגימה: 1
תאריך הדגימה: 5/8/2019
שעת הדגימה: 9:00
שם הדוגם: [illegible]
שם הפרויקט: [illegible]
מספר הפרויקט: [illegible]
שם איש הקשר: [illegible]
טלפון איש הקשר: [illegible]
כתובת הפרויקט: [illegible]
שם הלקוח: [illegible]
כתובת הלקוח: [illegible]
שם איש הקשר: [illegible]
טלפון איש הקשר: [illegible]
כתובת לשליחת החשבונית

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE–F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 7		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוב - תל אסיף תאריך דיגום: 15/3/20 שם הדוגם: אייל פוליבק חתימה:

מס' טקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-46	2.0	9:30	חול חרסיתי עם גרגרי כבד	1.2		אין	לח	D1
K15-46	3.0	9:33	חמרה - שכבת חולית מתבוררת	2.1		אין	לח	D2
K15-46	2.0	9:35	חול עם גרגרי כבד. לח	2.5		אין	לח	D3
K15-43	3.0	9:37	חול חלוקי גרגרי חוף כבד	3.0		אין	לח	D4
K15-47	2.0	9:40	חול חלוקי חמרה גרגרי כבד	2.1		אין	לח	D5
K15-47	3.0	9:45	חול חלוקי עם גרגרי כבד	2.0		אין	לח	D6
K15-26	0.5	9:47	חת חלוקי-חולית גרגרי כבד	2.6		אין	לח	D7
K15-26	2.0	9:50	חרסיתי - מתפוררת. שורש	2.2		אין	לח	D8
K15-26	2.0	9:52	חרסיתי שחור כבד שורשים	1.2		אין	לח	D9
K15-26	3.0	9:55	חרסיתי שחור- כבד שורשים	2.1		אין	לח	D10
K15-45	2.0	10:00	חול חרסיתי- חרסיתי מתפוררת	2.0		אין	לח	D11
K15-45	3.0	10:02	חול חרסיתי עם שורש	2.2		אין	לח	D12

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
24/4/24	17.2	17.0	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	0.0	√
7:42	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 2 מתוך 7		אושר ע"י: דייר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוד - תל | תאריך דיגום: 15/3/20 | שם הדוגם: עידן פולק | חתימה:

מס' סקר חוזה: _____ | ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-D8	0.5	10:04	חומר טיפולי - חול עם טרסי	2.5		אין	כן	D13
K15-D9	1.0	10:06	חול חרסיתי אדמדם	1.3		אין	כן	D14
K15-D3	2.0	10:10	חרסית שחור-כחלחל - לחה	5.0		אין	כן	D15
K15-D5	3.0	10:13	חרסית שחור-כחלחל רטובה	1.8		אין	כן	D16
K15-D9	0.5	10:14	חומר מילוי - אדנים - חול אדנים	2.8		אין	כן	D17
K15-D9	1.00	10:16	חרסית שחור עם פירות שחורים	2.2		אין	כן	D18
K15-D8	2.0	10:20	חרסית אדומה-חומית לח מאוד	2.1		אין	כן	D19
K15-D0	3.0	10:22	חרסית אדומה-חומית-לחה מאוד	2.8		אין	כן	D20
K15-D2	0.5	10:26	חול חרסיתי אפור-ורוד	1.6		אין	לא	D21
K15-D3	1.0	10:26	חרסית רטובה-עם פזורית אדומה	1.4		אין	לא	D22
K15-D9	0.5	10:30	חרסית-חומית-כחלחלה חומר מילוי	0.9		אין	לא	D23
K15-D4	1.0	10:33	חול חרסיתי שחור-אפור	1.8		אין	כן	D24

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
24/4/20	17.2	17.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	0.0	√
8:42	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
מס' No. 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 3		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה בוקר - תל שחף תאריך דיגום: 15/3/20 שם הדוגם: מ. בן בוקס חתימה: מ.ב

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דיגמה[m]	שעת התחלת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-47	0.5	10:35	חול - חרסית. צבע כהה	1.8		אין	אין	D25
K15-47	1.0	10:37	חול חרסית צבע בהיר - שחור וכתם	1.4	1.2	אין	אין	D26
K15-47	2.0	10:39	חרסית חולית עם שכבורית. וכתם	1.6		אין	אין	D27
K15-47	3.0	10:40	חלק שרוולים - חול חרסיתי	1.3	0.7	אין	אין	D28
K15-49	0.5	10:44	חומר אורגני וחרסית. צבע כהה	2.5		אין	אין	D29
K15-49	1.0	10:46	חול גס בצבע אפרפר עם ריח.	1.2	1.0	אין	אין	D30
K15-49	2.0	10:50	חול חרסיתי בצבע חום	1.3		אין	אין	D31
K15-49	3.0	10:52	חול חרסיתי - חמרת בצבע אדום	1.2	1.0	אין	אין	D32
K15-50	0.5	11:00	חומר אורגני - חרסיתי.	2.1		אין	אין	D34
K15-50	1.0	11:02	חומר אורגני - חרסית כהה	2.8		אין	אין	D35
K15-50	2.0	11:04	[illegible] חרסית וכתם - אפרפר	2.1		אין	אין	D36
K15-50	3.0	11:06	חרסית וכתם בצבע אדום	1.4	1.3	אין	אין	D37

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	17.2	17.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	0.0	
8:42	כיול באמצעות גז	99.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
למסמכות מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שורץ	חתימה:
עמוד 4 מתוך 7		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: נ"צ 732-732 תאריך דיגום: 15/3/2020 שם הדוגם: מקן חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-27	0.5	11:10	חומר מילוי טורקי	1.7	1.4	אין	יש	D37
K15-27	1.0	11:15	חול עם חרסיות	2.5	2.3	אין	יש	D38
K15-27	2.0	11:18	חול חרסיתי	2.1	2.0	אין	יש	D39
K15-27	3.0	11:20	חול חרסיתי עם	2.0		אין	יש	D40
K15-33	0.5	11:25	חול עם-עם לכוך-סח	2.6	2.0	אין	יש	D41
K15-33	1.0	11:27	חול עם-לכוך (סמורק) עם פיסות	2.2		אין	יש	D42
K15-33	2.0	11:30	חול עם-אבנים-סח	2.4		אין	יש	D43
K15-33	3.0	11:33	חול עם-אבנים-סח	2.9		אין	יש	D44
K15-27	0.5	11:40	חול עם-אבן חול-רבוך רוד על רקיעת	2.4		אין	יש	D45
K15-27	1.0	11:42	חול עם-אבן חול-רבוך רוח על רקיעת	1.6		אין	יש	D46
K15-27	2.0	11:44	חול עם-אבן חול-כהה-רבוך	2.1		אין	יש	D47
K15-27	3.0	11:42	חול עם אבן חול כהה-חל רבוך	2.4	3.0	אין	יש	D48

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/4/2020	27.2	17.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:42	כיול ב- באויר	0.0	√
9:42	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 5 מתוך 7		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: שדה דוד הנ"צ תאריך דיגום: 15/3/20 שם הדוגם: עוז מוטי חתימה:

מס' סקר חוזה: . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-23	0.5	11:52	חול גס- אבן חול - רטוב	2.5	2.2	אין	יש	D49
K15-23	1.0	11:54	חול גס אבן חול, קרקע רטובה	3.2		אין	יש	D50
K15-23	2.0	11:57	חול גס, אבן חול, קרקע רטובה	3.1	3.0	אין	יש	D51
K15-23	3.0	11:59	חול גס, אבן חול, קרקע רטובה	3.2		אין	יש	D52
K15-56	0.5	12:02	חומר מילוי: שברי + קרקע חומית	1.2	1.1	אין	יש	D53
K15-56	1.0	12:04	חול גס + חומר מילוי: חול גס	2.5	2.4	אין	יש	D54
K15-56	2.0	12:07	חול גס; שכבות אחידות בלויות-קרקע	2.6		אין	יש	D55
K15-56	3.0	12:09	חול קרקעות: כתמית- בהה ורטוב	3.2	3.1	אין	יש	D56
K15-32	0.5	12:12	חול גס ערבה רטוב, בהיר.	14.5		אין	יש	D57
K15-32	1.0	12:15	חול, גס, רטוב, ואין שכבות אחידות (שכבה)	3.3	3.3	אין	יש	D58
K15-32	2.0	12:17	חול, גס, רטוב, ואין שכבות אחידות (שכבה)	3.7		אין	יש	D59
K15-32	3.0	12:26	חול גס, רטוב, בהיר .	3.3		אין	יש	D60

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/2020	12.2	17.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:02	כיול ב- באוויר	0.0	√
8:42	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 7 מתוך 7		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: יקה פוכ-תל ירוק תאריך דיגום: 15/3/20 שם הדוגם: עידן פרץ חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-57	0.5	12:30	חול גס, מעט אבן כך קטנה	2.1		לא	לח	DG1
K15-57	1.0	12:32	חול גס, רטוב, בהיר (שכבת חית)	3.1		לא	לח	DG2
K15-57	2.0	12:36	חול גס, רטוב, בהיר יותר אבנים-קטנות	3.5		לא	לח	DG3
K15-57	3.0	12:38	חול בהיר, נתי רטוב.	3.1		לא	לח	DG4
K15-25	0.5	12:40	חול בהיר אבנים חצץ, שכבות	1.2		לא	לח	DG5
K15-25	1.0	12:42	חול בהיר רטוב, גס	2.0		לא	לח	DG6
K15-25	2.0	12:46	חול בהיר, רטוב, גס.	2.4		לא	לח	DG7
K15-25	3.0	12:50	חול בהיר, רטוב, גס.	2.0		לא	לח	DG8
K15-35	0.5	13:00	חול גס, אחיד, בהיר	2.1		לא	לח	DG9
K15-35	1.0	13:05	חול גס, בהיר, רטוב	2.8		לא	לח	D70
K15-35	2.0	13:07	חול גס, בהיר, רטוב	2.1		לא	לח	D71
K15-35	3.0	13:10	חול גס, בהיר רטוב	1.1		לא	לח	D72

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	17.2	17.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
3:42	כיול ב- באויר	0.0	
3:42	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 7 מתוך 7		אושר ע"י: דייר גיל כייץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שם האתר: קריית גת - תל שוקה תאריך דיגום: 15/3/20 שם הדוגם: אורן בוזגלו חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-36	0.5	13:13	חומר מילוי - חול בגוון בהיר	2.9		אין	לח	D73
K15-36	1.0	13:15	חול חרסיתי + שכבת חול בגוון בהיר	1.9		אין	לח	D74
K15-36	2.0	13:16	חול חרסיתי שכבת חול + חלוקות	1.5		אין	לח	D75
K15-36	3.0	13:20	חול חרסיתי, רטוב, חום כהה	2.1		אין	לח	D76
K15-37	0.5	13:22	חול חרסיתי - שכבת בוחן בגוון	1.4		אין	לח	D77
K15-37	1.0	13:24	חול חרסיתי - אפור, חרסיתי	1.4		אין	לח	D78
K15-37	2.0	13:26	חול חרסיתי חרסיתי רטוב	1.1		אין	לח	D79
K15-37	3.0	13:30	חול חרסיתי רטוב כהה	1.1		אין	לח	D80
K15-38	0.5	13:33	חול חרסיתי + שכבת חול	0.7		אין	לח	D81
K15-38	1.0	13:35	חול חרסיתי - רטוב	1.0		אין	לח	D82
K15-38	2.0	13:40	חול חרסיתי - רטוב	1.1		אין	לח	D83
K15-39	3.0	13:42	חול חרסיתי - רטוב	1.4		אין	לח	D84

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/9/19	17.2	17.0	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:42	כיול ב- באויר	0.0	√
8:52	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

טופס שרשרת משמורת- COC

ארגון הזגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הזגם: Gil Bin
חתימת הזגם: _____.
כתובת הארגון: המגינים 53 חדרה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דף 1 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) ____
סוג מכשיר הקידוח:-Geoprobe

שם אתר דיגום:	213 שדה אליעזר
כתובת האתר:	ת"ד 8 שדה אליעזר
תאריך הדיגום:	15/3/20 מס סקר חוזר:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה: Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____. תאריך: _____. חתימה: _____. שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אליעזר 21 בע"מ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: יוסי כהן האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות המבוקשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה, 4 ימי עבודה , 5 ימי עבודה , נהל רגיל.
בדיקות נדרשות + % רשימות

אין להשתמש ולחקים משופם זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גוהה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

ע"פ בקשת מזמין העבודה	שעמק (מטר)	שעת הדיגום	כלי הדיגום	מדוכ ב-מ' חנף -מ'	תעד דרגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גידל גרגר	עפרת	ציאנידים				משמורת		*מס סידורי רץ (A,B)
K15-46	2.0	9:30	5			1.2														X		D1
K15-46	3.0	9:33	5			2.1	X															D2
K15-47	2.0	9:35	5			2.5														X		D3
K15-49	3.0	9:37	5			3.0	X															D4
K15-48	2.0	9:41	5			2.1														X		D5
K15-48	3.0	9:45	5			2.0	X															D6
K15-26	0.5	9:49	5			2.6	X		X													D7
K15-26	1.0	9:50	5			2.7														X		D8
K15-26	2.0	9:52	5			1.2														X		D9
K15-26	3.0	9:54	5			2.1	X															D10
K15-47	2.0	10:00	5			2.0														X		D11
K15-45	3.0	10:04	5			2.2	X															D12

חתימת הזגם _____. נמסר ע"י: _____
תאריך: _____. שעה: _____

משרדי KTE
שם המאחסן: _____. מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____. חותמת + חתימה _____. שעה : _____
תאריך: _____. *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנכונות הדוב'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכת קרקע מזרהמת או החשודה בזיהום ודיגום מורדא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☑ (הרשות להסמכת מעבדות) , במידה וווהו חריגות נא לפרט: _____. הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י חמשרד לתנועס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____. השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GEOPROBE
תאריך תחילת האחסון: _____. שעה: _____. תאריך סיום האחסון: _____. שעה: _____, תנאי האחסון (חקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' המכלה: 395
שם הדוגם: _____
החתימה הדוגם: _____.
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	
שם איתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	15/3/2020 מס סקר חוזה:
שם איש הקשר:	
יישוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____. תאריך: _____. חתימה: _____. שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
הכרה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים ממסמס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער ממלם מי תהום:
נמוך ☐ בינוני ☐ עמוק ☐

מס' סידורי רץ (A,B)	משמורת														PID (ppm)	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באופן פגום.	מדרך ב-מ' חסף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
D13	X														2.5			5	10:04	0.5	KTE-48
D14												X		X	1.3			5	10:06	1.0	KTE-48
D15	X														2.0			5	10:10	2.0	KTE-48
D16														X	1.8			5	10:13	3.0	KTE-48
D17	X														27			5	10:14	0.5	KTE-49
D18												X		X	2.2			5	10:16	1.0	KTE-49
D19	X														2.1			5	10:20	2.0	KTE-49
D20														X	2.8			5	10:22	3.0	KTE-49
D21												X		X	1.6			5	10:24	0.5	KTE-47
D22	X														1.4			5	10:26	1.0	KTE-47
D23	X														0.9			5	10:30	0.9	KTE-47
D24												X		X	1.8			5	10:36	1.0	KTE-47

חתימת הדוגם _____. נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאמתן: _____. מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____. *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום שיטות קרקע מזוהמת או החשודה בזיהום ודיגום מורדא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____. הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת הסביבה מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חותמת+ חותמת) _____ תאריך _____. השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____. שעה: _____. תאריך סיום האחסון: _____. שעה: _____, תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ין טכנולוגיות
מס' הסמכה: 395
שם הדוגם:
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דר"ח (√)
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ הפגת הביול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מספר

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה, 4 ימי עבודה, 5 ימי עבודה, נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתמש בחלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנבדקו
גובה משוער מפלס מי תהום:
גמ ☐ בינ ☐ עמ ☐

ע"פ בקשת מזמין העבודה	זיהוי נק' הדיגום.	עומק (מטר)	שעת הדיגום	כלי הדיגום	טורק ב-מ' חנוך -ח'	תעד תריגות: 1. לא נשמרה. בממפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן סגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	ברזל גרגר	עפרת	אזבסט				משמורת		*מס' סידורי רץ (A,B)
	K15-47	0.5	10:35	5			1.8	X		X												D25
	K15-47	1.0	10:37	5			1.4														X	D26
	K15-47	2.0	10:39	5			1.6														X	D27
	K15-47	3.0	10:40	5			1.3	X														D28
	K15-44	0.5	10:44	5			2.5														X	D29
	K15-44	1.0	10:46	5			1.2	X		X												D30
	K-15-44	2.0	10:50	5			1.3														X	D31
	K15-44	3.0	10:52	5			1.2	X														D32
	K1550	0.5	10:00	5			2.1														X	D33
	K1550	1.0	10:02	5			2.2														X	D34
	K1550	2.0	11:04	5			2.1	X		X												D35
	K15-50	3.0	11:05	5			1.4	X														D36

חתימת הדוגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

פשרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ , *תעד ממפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להמחיות המעודכנות ביותר של המשרד להגנת הסביבה "המחיות מקצועיות לביצוע סקר קרקע", "המחיות מקצועיות לחפירה, דיגום שריונות קרקע מזוהמות או החשודה בזיהום ודיגום מורדא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1, 3. צנצנת עם HNO3 ; 3.1,ויילים, Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לאיכות הסביבה מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . חשיטה : דיגום קרקע/ דיגום מערוס/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון הזגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדגם: _____
חתימת הדגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודריישות אנליזה

דף 4 מתוך _____

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנב"ל: _____

סמן האם סוף דו"ח (√) _____

סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה: 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לארם שאינו נציג המע

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

חברה: _____

טלפון: _____

הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: AL

תוצאות המעבדה יועברו במייל: _____

תוצאות המעבדה יועברו בפקס: _____

רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.

בדיקות נדרשות + % רגישות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה

הצהרה: טופס זה מתייחס רק לפריטים שנדגמו

גבוה משוער מפלס מי תהום:

נמ ☐ בי ☐ עמ ☐

"מס סידורי רץ (A,B)	משמורת														PID (ppm)	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או סופל בפרק הזמן הדרוש. 3. התקבל באפן פגום.	מדיד ב-מ' חפוף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	דיזהי בק' הדיגום. ע"פ בקשת מזמין העבודה
D37	X														1.7			5	11:10	0.5	K15-27
D38											X		X		2.5			5	11:13	1.0	K15-27
D39	X														2.1			5	11:15	2.0	K15-27
D40													X		2.0			5	11:20	2.0	K15-27
D41											X		X		2.4			5	11:25	0.5	K15-33
D42	X														2.2			5	11:27	1.0	K15-33
D43	X														2.4			5	11:30	2.0	K15-33
D44													X		2.9			5	11:33	3.0	K15-33
D45											X		X		2.6			5	11:40	0.5	K15-28
D46	X														1.6			5	11:42	1.0	K15-28
D47	X														2.1			5	11:44	2.0	K15-28
D48													X		2.9			5	11:02	3.0	K15-28

חתימת הדגם _____ , נמסר ע"י: _____

תאריך: _____ שעה: _____

משרדי KTE

שם המאחסן: _____ .מקום אחסון: _____

האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____

תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה:- _____

*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'

שם:

חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום שרימת קרקע מזוהמת או החשודה בזיהום ודיגום מוידא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO3 ; 3.וויליס,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. תערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וווהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגניית מתאריך: _____

שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קבקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe

תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם:
חתימת הדוגם:
כתובת הארגון: המעינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אגליזה
דף 5 מתוך
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe

דוגם מוסמך 395 מעבדה

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום: 15/3/20	מס סקר חוזה:
שם איש הקשר:	
יישוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה: Ev 10.6) T-114310 תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אחר
איש קשר לתשלום:
חברה:
טלפון:
הערות לבדיקות הנדרשות:
האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לאישור המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול): 3 ימי עבודה, 4 ימי עבודה, 5 ימי עבודה, נוהל רגיל.
בדיקות נדרשות + % רמיזות

אין להתייחס חלקים ממופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

*מס' סידורי רץ (A,B)	משמורת		PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גרגל גריר	עפרת	ציאנידים					תאר תריגות: 1. לא נשמרה. בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הנדרש. 3. התקבל באופן פגום.	מדרג ב-מ' חשוב -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
D52			2.5	X		X													5	11:52	0.5	K15-23
D53	X		3.2																5	11:54	1.0	K15-23
D54	X		3.1																5	11:57	2.0	K15-23
D55			3.2	X															5	11:59	3.0	K15-23
D56	X		1.2																5	12:02	0.5	K15-56
D57	X		2.5																5	12:04	1.0	K15-56
D58			2.6	X		X													5	12:07	2.0	K15-56
D59			3.2	X															5	12:09	3.0	K15-56
D60			1.4.5	X		X													5	12:12	0.5	K15-32
D61	X		3.3																5	12:15	1.0	K15-32
D62	X		3.7																5	12:17	2.0	K15-32
D63			3.3	X															5	12:20	3.0	K15-32

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

עדים לנכילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים: (הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מעודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת עם HNO_3 ; 3. ויילים, 3.1. : צנצנת עם Nacl (תמיסת מלח), 3.2. : מתנול. 3.3. : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות), במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לקרקעות מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון הזגם: ד"ר כ"ץ טכנולוגיות
מס' הסמכה: 395
שם הזגם: גיל כץ
חתימת הזגם: _____
כתובת הארגון: המגינים 53 צופית, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך 395

דגימות קרקע – תיעוד דרישות אנליזה
דף 6 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)_____
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום: 15/3/20	מס סקר חוזה:
שם איש הקשר:	
"יעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה T-114310:(Ev 10.6 _ תפוגת הביול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017

No. 395 מס'

*בבד. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אלון גל 1567 האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: גיל כץ 518 האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק הלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גוהה משיער מפלס מי תהום: נמ☐ כי☐ עמ☐

*מס' סידורי רץ (A,B)	משמורת		PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגיר	עפרת	צ'יאנידים								תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	מדיה ב -מ' חפף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום, ע"פ בקשות מזמין העבודה
D61	X		2.9																			5	12:30	0.5	K15-57
D62			3.1	X		X																	5	12:32	1.0	K15-57
D63	X		3.5																				5	12:35	2.0	K15-57
D64			3.1	X																			5	12:37	3.0	K15-57
D65			1.2	X		X																	5	12:00	0.5	K15-25
D66	X		2.0																				5	12:42	1.0	K1525
D67	X		2.4																				5	12:46	2.0	K15-25
D68			2.0	X																			5	12:48	3.0	K15-25
D69			2.9	X		X																	5	13:00	0.5	K15-35
D70	X		2.7																				5	13:05	1.0	K15-35
D71	X		2.2																				5	13:07	2.0	K15-35
D72			1.9	X																			5	13:10	3.0	K15-35

חתימת הזגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה: _____ שעה: _____
תאריך: _____ . *תעד מס' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מודאג"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO3 ;3.1,ויילים ;3.1 Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB/ פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____
נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (נדרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) ציו

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	אדמונד סאל
שם אתר דיגום:	213 23E
כתובת האתר:	213 23E - דיר 55
תאריך הדיגום:	151320 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

דגימות קרקע – תיעוד ודרישות אנליזה

דף 7 מתוך _____

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנכ"ל:

סמן האם סוף דו"ח (√) _____

סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

טופס שרשרת משמורת- COC

ארגון הדוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה::395
שם הדוגם: אילן גיל
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 זיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

*בדה. יסולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: אדמונד סאל האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה: משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

דיוקי נק' הדיגום. ע"י בקשות מזמין העבודה	עומק (מטר)	ששת הדיגום	כלי הדיגום	מודיב ב-מ' חשף -ח'	תיעד דרישות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר	עפרית	ציאנידים				משמורת		*מס סידורי רץ (A,B)
K15-36	0.5	13:13	5			2.9														X		D73
K15-36	1.0	13:15	5			1.9	X		X													D74
K15-36	2.0	13:16	5			1.5														X		D75
K15-36	3.0	13:20	5			2.1	X															D76
K15-37	0.5	13:32	5			1.4	X		X											X		D78
K15-37	1.0	13:34	5			2.4														X		D79
K15-37	2.0	13:36	5			1.7																D80
K15-37	3.0	13:30	5			1.1	X															D81
K15-38	0.5	13:33	5			0.7	X		X											X		D82
K15-38	1.0	13:35	5			1.0														X		D83
K15-38	2.0	13:40	5			1.1																D84
K15-38	3.0	13:42	5			1.4	X															D85

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עודים לנסילת המזג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שרימות קרקע מזוהמת או החשודה בזיהום ודיגום מומדא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.1,ויילים, 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + פיס. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לתגייס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטת : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדגמה: GeoProbe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דגום: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדגם: [illegible]
חתימת הדגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד דרישות אנליזה
דף 1 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	16/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דיווחים קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים ממסמך זה ללא אישור המעבדה
הצהרה: מסמך זה מתייחס רק לפרטים שנדגמו
גובה משוער ממפלס מי תהום: גמ☐ בינ☐ עמ☐

*מס סידורי רץ (A,B)	משמורת																					תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל במרץ הזמן הדרוש.3.התקבל באופן פגום.	כמות ב-כ' חנוך -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשות מזמין העבודה
E1																									
E2	X																						5	8:40	0.5	K10-C
E3	X																						5	8:42	1.0	F10-C
E4																							5	8:44	2.0	K10-4
E5																							5	8:47	3.0	K10-4
E6	X																						5	8:54	0.5	K10-8
E7																							5	8:56	1.0	K10-8
E8																							5	8:59	1.6	F10-8
E9	X																						5	9:02	0.5	K10-3
E10	X																						5	9:04	1.0	F10-3
E11																							5	9:07	2.0	K10-3
E12																							5	9:09	3.0	F10-3

חתימת הדוגם [illegible] . נמסר ע"י: _____
תאריך: 16/3/20 שעה: _____

משרדי KTE
שם המאחסן: [illegible] מקום אחסון: [illegible]
האחראי על מקום האחסון

החתקבל במעבדה ע"י _____ חותמת + חתימה: _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריסת קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ל' 2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כהה 1 ליטר.7.1 בקבוק זכוכית חום כהה 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GeoProbe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

מתקבל KTE

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ין טכנולוגיות.
מס' הסמכה::395
שם הדוגם: מיכל
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

דגם מוסמך מעבדה: 395

שם הלקוח:	אורנלי שלמה
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	16/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: אורנלי שלמה האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת החיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדרך ב -מ' חנף -ת'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גרגל גרגר	עופרת	ציאנידים				משומרת		*מס סידורי רץ (A,B)
K10-5	0.9	9:15	5			1.4														X	E13
K10-5	2.0	9:19	5			0.1														X	E14
K10-6	2.0	9:22	5			2.2	X														E15
K10-6	0.5	9:27	5			2.4	X		X												E16
K10-9	0.5	9:29	5			1.8														X	E17
K10-9	1.0	9:32	5			2.1														X	E18
K10-9	2.0	9:34	5			2.9	X														E19
K10-10	0.5	9:39	5			2.1	X		X												E20
K10-10	2.0	9:42	5			2.3														X	E21
K10-10	2.0	9:45	5			0.8														X	E22
K10-10	3.0	9:47	5			0.7	X														E23

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האזהרה על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שרימות קרקע מזוהמת או החשודה בזיהום ודיגום מוידא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 : צנצנת עם HNO_3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית עקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geo Probe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה::395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך 395 מעבדה

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	16/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible]
איש קשר לתשלום: [illegible]
חברה:
טלפון:
הערות לבדיקות הנדרשות:
האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת זחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק הלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה פתיחתו רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
גמ☐ בינ☐ עכ☐

*מס סידורי רץ (A,B)	משמורת																			תאור הדיגום: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.	מורכ ב-מ' חנוך -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום, ע"פ בקשת מזמין העבודה
E24																								
E25	X																					5	9:50	0.5	K10-6
E26	X																					5	9:52	1.0	K10-6
E27																						5	9:54	2.0	K10-6
E28																						5	9:56	3.0	K10-6
E29	X																					5	10:00	0.5	K10-27
E30	X																					5	10:02	1.0	K10-27
E31																						5	10:04	2.0	K10-27
E32																						5	10:07	3.0	K10-27
E33	X																					5	10:12	0.5	K10-11
E34	X																					5	10:14	1.0	K10-11
E35																						5	10:17	2.0	K10-11
																						5	10:20	3.0	K10-11

חתימת הדוגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום ערימות קרקע מזוהמות או החשודה בזיהום רדיגום מזורזא"

כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1 : צנצנת עם HNO_3 ; 3.1,ויילים, 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כחה 1 ליטר.7.1 בקבוק זכוכית חום כחה 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐ כן ☐ לא בהסמכה : (הרשות להסמכת מעבדות) , במידה וזוהו חריגות יש לציין _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לתאריך: _____
שם מאשר דו"ח טופס המשמורת : (חותמת+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : GeoProbe
תאריך תחילת האחסון : _____ . שעה : _____ . תאריך סיום האחסון : _____ . שעה : _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 זיתיה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 4 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך 395 מעבדה

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	מס סקר חוזה: 16930
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר להשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , טווח רגיל.
בדיקות נדרשות + % רטיטות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה:
הנחיה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ[ ] בינ[ ] עמ[ ]

| מס' סידורי רץ (A,B) | משמורת | | |

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 עיספיה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מבשיר הקידוח: Geoprobe

דוגם מוסמך מעבדה 395

ISRAC הרשות הלאומית להסמכת מעבדות ISO/IEC 17025:2017 No. 395 מס'

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	16/3/20 מס סקר וחזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. יסומלא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו בטייל:
תוצאות המעבדה יועברו בפקס:
רמת דוחפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק הלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום: נמ☐ בי☐ עמ☐

| *מס סידורי רץ (A,B) | משמורת | | |

טופס שרשרת משמורת- COC

ארגון דוגם: ו"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: אורן פרץ
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 6 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	אלרון רגא
שם אתר דיגום:	שדה אליהו
כתובת האתר:	תל אליהו - שדה דוד
תאריך הדיגום:	16/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 . תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . תחימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אלרון רגא — האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: גיל 57 — האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: — לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת החיפוש קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בין☐ עם☐

| *מס סידורי רץ (A,B) | משמורת | | |

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	אלג'ל
שם אתר דיגום:	גבעה חורבת תל אריך
כתובת האתר:	גבעה חורבת תל אריך
תאריך הדיגום:	16/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המגב"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' המסמכה: 395
שם הדוגם: גיל בן
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

*בדה. יסולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אלג'ל ואם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: גיל 3570 האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתמש חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נמוכה ☐ בינונית ☐ עם ☐

ע"פ בקשת מזמין העבודה	דיוטי נק' הדיגום.	עומק (מטר)	שעת הדיגום	כלי הדיגום	מזרק ב-מ' חנק -ח'	תעד חריגות: 1. לא נשטרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גרגל גרגר	עופרת	אינאניים				משמורת		*מס סידורי רץ (A,B)
	K10-30	0.5	12:10	G			4.5			X													E70
	K10-30	1.0	12:12	G			3.4															X	E71
	K10-30	2.0	12:16	G			4.6															X	E72
	K10-30	3.0	12:19	G			5.7	X															E73
	K10-31	0.5	12:23	G			5.5	X		X													E74
	K10-31	1.0	12:25	G			4.7															X	E75
	K10-31	2.0	12:28	G			5.61															X	E76
	K10-31	3.0	12:30	G			5.7	X															E77
	K10-12	0.5	12:32	G			5.8			X													E78
	K10-12	1.0	12:35	G			7.41	X															E79
	K10-12	2.0	12:37	G			5.8															X	E80
	F10-12	3.0	12:40	G			7.7	X															E81

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוגמ
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכות קרקע מזוהמת או החשודה בזיהום ודיגום מונדא"

כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום : _____

נא לסמן האם הדיגום נעשה בהסמכה : ☑ , לא בהסמכה : ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד : _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך : _____
שם מאשר דו"ח טופס המשמורת : (חותמת+ חותמת) _____ תאריך _____ . חשיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : Geoprobe
תאריך תחילת תאחסון : _____ . שעה : _____ . תאריך סיום האחסון : _____ . שעה : _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ר"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: מירן
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך 395 מעבדה

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	אקרו
שם אתר דיגום:	ניר עזה
כתובת האתר:	ניר עזה דרום
תאריך הדיגום:	16/3/20 מס סקר החזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה: Ev 10.6) T-114310: תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: אקרו האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: נורית האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול): 3 ימי עבודה, 4 ימי עבודה, 5 ימי עבודה, נוהל רגיל.
בדיקות נדרשות + % רשימת

אין להשתמש חלקים מטופס זה ללא אישור המעבדה.
הצהרה: טופס זה מתייחס רק לפרטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בי☐ עמ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדרג ב-מ' חתך ה-מ'	תיעד חריגות: 1. לא נשמרה בממ' מהאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר	עפרת	אזבסט				משמורת		*מס סידורי רץ (A,B)
K10-13	0.5	12:45	5			5.9	X		X													E82
K10-13	1.0	12:47	5			5.5														X		E83
K10-13	2.0	12:50	5			5.7														X		E84
K10-13	3.0	12:52	5			5.0	X															E85
K10-15	0.5	12:57	5			6.1	X		X													E86
K10-15	1.0	12:59	5			6.9														X		E87
K10-15	2.0	13:02	5			4.6														X		E88
K10-15	3.0	13:04	5			5.8	X															E89
K10-16	0.5	13:09	5			6.1	X		X													E90
K10-16	1.0	13:11	5			5.5														X		E91
K10-16	2.0	13:13	5			6.4														X		E92
K10-16	3.0	13:15	5			5.5	X															E93

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ . מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה: _____ שעה: _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים: (הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום דיגום מודאג"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1, : צנצנת עם HNO_3 ; 3.1. ויילים, Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות פנה לתעד _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: _____
חתימת הדוגם: _____.
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 9 מתוך 9
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה: 1613/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר _____	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____. תאריך: _____. חתימה: _____. שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. יסומא במקרה שהדגימה נמסרה לאדם שאינו בציר המע

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
גמ☐ בינ☐ עמ☐

*מס סידורי רץ (A,B)	משמורת															תעד חריגות: 1. לא נשמרה בממפ' מהאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.	מורכ ב-מ' חנוך -ח'	כלי הדיגום	שעת הדיגום	שעמק (מטר)	דיוחי נק' הדיגום, ע"פ בקשת מזמין העבודה
E94															5.2			5	13:30	0.5	K10-23
E95	X														5.2			5	13:32	1.0	K10-23
E96	X														6.1			5	13:35	2.0	K10-23
E97															5.0			5	13:21	3.0	K10-23
E98															2.0			5	1332	0.5	K10-24
E99	X														2.2			5	1335	1.0	K10-24
E100	X														2.1			5	13:37	2.0	K10-24
E101															5.9			5	13:40	3.0	K10-24

חתימת הדוגם _____. נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____.מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____חותמת + חתימה: _____ שעה : _____
תאריך: _____. *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות בידור של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום וידיגום מוודא"
כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה ונוהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geo Probe
תאריך תחילת האחסון: _____. שעה: _____. תאריך סיום האחסון: _____. שעה: _____, תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית למעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 9		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה דוב-תל אביב תאריך דיגום: 16/3/20 שם הדוגם: 16/3/20 חתימה: [illegible]

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	מספר סידורי רץ (A,B...)	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
Kb-4	E1	0.5	8:40	חול יבש בהיר + אבנים	1.6		לא	כן	
K10-4	E2	1.0	8:42	חול בהיר + אבנים	2.6		לא	כן	
K10-4	E3	2.0	8:44	חול יבש בהיר + אבנים	2.2		לא	כן	
K10-4	E4	3.0	8:48	חיסית - בהירה אבק בבה	1.8		לא	כן	
K10-8	E5	0.5	8:54	חול בס-אבנים בהיר	0.2		לא	כן	
K10-8	E6	1.0	8:56	חול בס-בהיר בהיר	1.1		לא	כן	
K10-8	E7	1.6	8:50	בה-חח בסבך-גיר רווים בבד	1.3		לא	כן	
K10-3	E8	0.5	9:02	חול יבש בהיר-בס בהיר	2.8		לא	כן	
K10-3	E9	1.0	9:04	חול בס בהיר-חלש	2.0		לא	כן	
K10-3	E10	2.0	9:07	חול בס בהיר-חלש	3.4		לא	כן	
K10-2	E11	3.0	9:09	בורבר + אבנים בהיר	2.1		לא	כן	
K10-5	E12	0.5	9:12	חיסית חולית בהירה	9.4		לא	כן	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/6/21	18.2	18.0	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:00	כיול באמצעות גז	92.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
למסמכות מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 1 מתוך 2		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: אזור תל קציר - 230 תאריך דיגום: 16/3/20 שם הדוגם: אורן בוזגלו חתימה:

מס' סקר חזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	מספר סידורי רץ (A,B...)	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-5	E13	1.0	9:18	חרסית חולית, רטובה-לח מאוד	1.4		יש	יש	
K10-5	E14	2.0	9:19	חרסית שחורה-שחלב-לחה-רטובה	0.1		יש	יש	
K10-5	E15	3.0	9:22	חרסית אפורה וחומית-יבש.	2.2		יש	יש	
K10-9	E16	0.5	9:27	חרסית חולית רטובה	2.4		יש	יש	
K10-9	E17	1.0	9:29	חרסית חולית-לחה	1.8		יש	יש	
K10-9	E18	2.0	9:32	חרסית חולית-חרסית חולית	2.1		יש	יש	
K10-9	E19	3.0	9:34	חרסית לחה חומה-רטובה	2.0		יש	יש	
K10-10	E20	0.5	9:39	חרסית-חולית-לחה-יבש	2.1		יש	יש	
K10-10	E21	1.0	9:42	חרסית-חולית לחה, רטובה	2.3		יש	יש	
K10-10	E22	2.6	9:45	קרקע רוויה מים ב 1.5-2.6	0.8		יש	יש	
K10-10	E23	3.0	9:47	חרסית חולית שחורה.	0.7		יש	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
27/4/20	17.2	19.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	
10:00	כיול באמצעות גז	98.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
למסמכות מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 9 מתוך 3		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: [redacted] תאריך דיגום: 16/3/20 שם הדוגם: עוקץ חוץ חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	מספר סידורי רץ (A,B...)	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-6	E24	0.5	9:50	חרסית חולית - כהה	0.1	0.3	אין	יש	
K10-6	E25	1.0	9:52	חרסית חולית - כהה	0.1		אין	יש	
K10-6	E26	2.0	9:54	חרסית שונה דרך אבן	2.3		מעט	יש	
K10-6	E27	3.0	9:56	חרסית אפורה - חלוקת ירקרק	0.3		מעט	יש	
K10-27	E28	0.5	10:00	חרסית חולית- אפורה ורוד	0.5		אין	יש	
K10-27	E29	1.0	10:02	חרסית חולית- בקדמת שחורה	3.0		אין	יש	
K10-27	E30	2.0	10:05	חרסית חולית- כהה	2.0		אין	יש	
K10-27	E31	3.0	10:07	חרסית שונה - אבן	2.3		אין	יש	
K10-11	E32	0.5	10:12	חרסית חולית- נקיטה שחורית	2.6		אין	יש	
K10-11	E33	1.0	10:14	חרסית חולית כהה	2.9		אין	יש	
K10-11	E34	2.0	10:17	חרסית חולית כהה חאובה	3.6	3.4	אין	יש	
K10-11	E35	3.0	10:20	חרסית חולית אחוה ולחה	3.5		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	תעד קריאת PID באוויר חשטח הפתוח
27/11/20	17.2	18.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm ±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:00	כיול באמצעות גז	98.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
למסמכות מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס':02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 4 מתוך 9		אושר ע"י: דיר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: [illegible] תאריך דיגום: 7/3/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	מספר סידורי רץ (A,B...)	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-22	E36	0.5	10:25	חול חרסית שחור	1.7		לא	לא	
K10-22	E37	1.0	10:29	חול חרסיתי אפור	30.7		כן	לא	
K10-22	E38	2.0	10:30	חול אפור	15.9		כן	לא	
K10-22	E39	3.0	10:32	חרסית אפורה	4.7		לא	לא	
K10-22	E40	4.0	10:35	חרסית חולית	57.6		כן	לא	
K10-22	E41	4.5	10:36	חרסית חולית אפורה	7.0		קצת	לא	
K10-22	E42	0.5	10:41	חול חרסיתי	2.4		לא	לא	
K10-26	E43	1.0	10:43	חול חרסיתי	2.6		לא	לא	
K10-26	E44	2.0	10:47	חול אפור	1.1		קצת	לא	
K10-26	E45	3.0	10:50	חרסית אפורה	3.1		קצת	לא	
K10-26									
K10-26									

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	תעד קריאת PID באוויר השטח הפתוח
24/6/20	17.2	18.0	0-0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	
10:00	כיול באמצעות גז	98.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
למעבדות
ISO/IEC
No. 395

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס':02		
תקף מתאריך:29/01/2020	מחליף את:24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 5 מתוך 9		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

שם האתר: [illegible] תאריך דיגום: 16/3/20 שם הדוגם: [illegible] חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	מספר סידורי רץ (A,B...)	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID(ppm)	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KD-25	E46	0.5	10:52	חרסית חולית- רטוב	0.5		אין	כן	
K10-25	E48	1.0	10:54	חרסית- חולית - רטב	2.0		אין	כן	
K10-25	E49	2.0	10:57	חרסית- חולית- רטב-	3.8		אין	כן	
K10-25	E49	3.0	11:00	חרסית מעט אבנים	3.7		קצת	כן	
K10-25	E50	0.5	11:03	חרסית חולית רטבה	3.0		אין	כן	
K10-21	E51	1.0	11:05	חרסית חולית- רטבה	3.0		אין	כן	
K10-21	E53	2.0	11:10	חרסית ושכ אחיד-אפרורית	17.5		אין	כן	
K10-21	E53	3.0	11:12	חרסית אחיד- אפרורה	7.6		אין	כן	
KP-20	E54	0.5	11:18	חול חרסיתי לבוק-רטוב	4.1		אין	כן	
K10-20	E55	1.0	11:22	חול חרסיתי מעט רטוב	4.0		אין	כן	
K10-20	E56	2.0	11:25	חול כהה-גס- חרסיתי	4.5		אין	כן	
K10-20	E57	3.0	11:27	חרסית אחיד- אפורה	3.0		קצת	כן	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	תעד קריאת PID באוויר השטח המתוח
27/4/2019	17.2	18.0	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:00	כיול באמצעות גז	94.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
למסמכה מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 6 מתוך 9		אושר ע"י: דיר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוב-תל ארד תאריך דיגום: 16/12/19 שם הדוגם: עידן פרלס חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	מספר סידורי רץ (A,B...)	עומק דוגמה [m]	שעת התצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-29	E58	0.5	11:32	חול חרסיתי, רטוב-לח	3.0		אין	כן	
K10-29	E59	1.0	11:34	חול חרסיתי, רטוב-לח	9.5		אין	כן	
K10-29	E60	2.0	11:37	חול חרסיתי, בהיר חום	4.0		אין	כן	
K10-29	E61	3.0	11:40	חול חרסיתי, בהיר חזק	4.5		אין	כן	
K10-29	E62	0.5	11:45	חול חרסיתי, רטוב בהיר	4.5		אין	כן	
K10-17	E63	1.0	11:47	חול חרסיתי, רטוב-לח	5.5		אין	כן	
K10-17	E64	2.0	11:50	חול חרסיתי רטוב-לח	5.5		אין	כן	
K10-17	E65	3.0	11:52	חול חרסיתי, אפור	5.5		כן	כן	
K10-29	E66	0.5	11:54	חול חרסיתי, כהה-רטוב	5.2		כן	כן	
K10-29	E67	1.0	11:57	חול חרסיתי כהה רטוב	1.1		כן	כן	
K10-29	E68	2.0	12:05	חרסית חומה כהה	3.4		כן	כן	
K10-29	E69	3.0	12:07	חרסית אפורה-כחלחל	5.3		כן	כן	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	תעד קריאת PID באוויר חשטח המתוח
27/4/24	17.2	19.0	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	
10:00	כיול באמצעות גז	99.0	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 9 מתוך 7		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה תל רתם ערוך תאריך דיגום: 16/3/20 שם הדוגם: איתן בוכריס חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GEOPROBE

שם הקידוח ומיקומו	עומק דיגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-30	0.5	12:10	חרסית חולית בצבע חום.	4.5		אין	לח	E70
K10-30	1.0	12:12	חרסית חולית-בצבע חום	3.4		אין	לח	E71
K10-30	2.0	12:16	חרסית חולית-רובדות כהה	4.6		אין	לח	E72
K10-30	3.0	12:18	חרסית- אבנית אחורה הכורה.	5.7		אין	לח	E73
K10-31	0.5	12:23	חרסית חולית- הכורה	5.5		אין	לח	E74
K10-31	1.0	12:25	חרסית חולית- הכורה	4.7		אין	לח	E75
K10-31	2.0	12:29	חרסית כהה -חלידים	5.9		אין	לח	E76
K10-31	3.0	12:30	חרסית רמה-חולית- חתיכי גבס כהה	5.7		אין	לח	E77
K10-12	0.5	12:32	חרסית חולית- פח-חול גס	5.8		אין	לח	E78
K10-12	1.0	12:35	חול גס- הכורה- פיסת אבני גיר/חול	7.4		אין	לח	E79
K10-12	2.0	12:37	חול רטוב- גס הכור.	5.3		אין	לח	E80
K10-12	3.0	12:40	חרסית חולית- קונקרטי-שכבת גבס.	7.9		אין	לח	E81

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח המתוח PIDתעד קריאת
27/4/20	17.2	19.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	
10:00	כיול באמצעות גז	98.0	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2005
No. 395 מס'

דוגם מוסמך
395 מעבדה

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 9		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

שם האתר: שדה בוקר- תל שרית תאריך דיגום: 16/3/20 שם הדוגם: עדי בוזגלו חתימה: [illegible]

מס' טקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-13	0.5	12:46	חרסית חולית- רובית	5.5		אין	לח	E82
K10-13	1.0	12:42	חרסית חולית- רובית	5.5		אין	לח	E83
K10-13	2.0	12:50	חרסית חולית בהה	5.7		אין	לח	E84
K10-P3	3.0	12:52	חרסית חולית כהה בהה	5.9		אין	לח	E85
K10-15	0.5	12:57	רובית- חולית- חרסית	6.1		אין	לח	E86
K10-15	1.0	12:59	חרסית חולית- בהיר	5.9		אין	לח	E87
K10-15	2.0	13:02	חרסית חולית בהיר	4.6		אין	לח	E88
K10-15	3.0	13:04	חרסית חולית בהיר	5.8		אין	לח	E89
K10-16	0.5	13:09	חרסית חולית כהה ואוכ	6.1		לא	יש	E90
K10-16	1.0	13:11	חרסית חולית כהה אוכ	5.5		לא	יש	E91
K10-16	2.0	13:13	חרסית חולית כהה אוכ	6.8		לא	יש	E92
K10-16	3.0	13:15	חרסית שמנה- דקה אפור/חום	5.5		קל	יש	E93

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח המתוח PIDתעד קריאת
27/4/24	0.0	18.0	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:00	כיול באמצעות גז	98.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 9 מתוך 9		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוב- תל אריך תאריך דיגום: 16/3/20 שם הדוגם: אייל שוורץ חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-23	0.5	13:20	חרסית חולית- נקבוביות גבוהות	5.2				E94
K10-23	1.0	13:22	חרסית חולית + אבן חול	5.2				E95
K10-23	2.0	13:24	חול אפר-בהיר בהיר	6.1				E96
K10-23	3.0	13:27	חרסית חולית בהיר אחיד	5.2				E97
K10-24	0.5	13:32	חול בז+ אבן גיר.	2.0				E98
K10-24	1.0	13:35	חול יפ - רטוב- עם ריח	2.3				E99
K10-24	2.0	13:38	חול יפ - רטוב - ריח	2.1				E100
K10-24	3.0	13:40	חול חרסיתי בהיר אחיד	5.9				E101

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	19.2		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
10:00	כיול ב- באויר	0.0	√
10:01	כיול באמצעות גז	98.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 2		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: שדה דוד - תל אדר תאריך דיגום: 17/12/20 שם הדוגם: ניקן דוגס חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KB-16	0.5	10:25	חול רקוב + שרידים - יבש	3.2		אין	כן	f1
K13-16	1.0	10:27	חול רקוב + שרידים - יבש	2.9		אין	כן	f2
K13-16	2.0	10:28	חול רקוב + שרידים - יבש	1.6		אין	כן	f3
K13-16	3.0	10:29	חול רקוב + שרידים יבש	2.4		אין	כן	f4
K13-12	0.5	10:34	חול רקוב - יבש מאוד שרידים	3.7		אין	כן	f5
K13-12	1.0	10:36	חול רקוב - דיונה - מאוד שרידים.	4.7		אין	כן	f6
K13-12	2.0	10:39	חול רקוב - דיונה מאוד נקודות פחמות	3.1		אין	כן	f7
K13-12	3.0	10:40	חול רקוב - דיונה	4.8		אין	כן	f8
K13-11	0.5	10:50	חול רקוב - כהה	4.1		אין	כן	f9
K13-11	1.0	10:53	חול רקוב - כהה	3.7		אין	כן	f10
K13-11	2.0	10:57	חול רקוב כהה	3.8		אין	כן	f11
K13-11	3.0	10:58	חול רקוב כה	2.3		אין	כן	f12

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח המתוח PIDתעד קריאת
27/9/20	17.2	14.3	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:52	כיול ב- באויר	0.0	
9:53	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבענת זכוכית/ צבענת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 2		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: אזה תל- תוך חתימה: [illegible]

תאריך דיגום: 17/3/20 שם הדוגם: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K13-10	0.5	11:34	חרסית - שאנף חומה	0.6		אין	לח	f13
K13-10	1.0	11:36	חול חרסיתי בצבע	1.0		אין	לח	f14
K13-10	2.0	11:38	חול חקוק-בצבע	0.3		אין	לח	f15
K13-10	3.0	11:40	חול-בוהק-חקוק- מדיום גרגרים סמוכות	1.4		אין	לח	f16
K13-15	0.5	11:45	חול חומרי- חקוק	1.6		אין	לח	f17
K13-15	1.0	11:47	חול חומרי חקוק	1.4		אין	לח	f18
K13-15	2.0	11:50	חול חקוק-בהיר	3.0		אין	לח	f19
K13-15	3.0	11:52	חול חקוק-בהיר	2.1		אין	לח	f20
K13-13	0.5	13:50	חול חקוק-בהיר-חרסיתי	5.2		אין	לח	f21
K13-13	1.0	13:52	חול שם , בצבע בהיר מדיום אחיד גודל	5.0		אין	לח	f22
K13-13	2.0	13:54	חול חקוק, בצבע בהיר, מדיום אחיד גודל	5.0		אין	לח	f23
K13-13	3.0	13:56	חול חקוק- בצבע חום בהיר. מדיום הדרוג	5.0		אין	לח	f24

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/6/19	17.2	14.3	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:52	כיול ב- באוויר	0.0	√
8:52	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חדרה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה

דף 1 מתוך 2

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנכ"ל:

סמן האם סוף דו"ח (√)

סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	17/3/20 מס סקר חזרה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 :Ev) T-114310_ תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לחשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות ומדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת אתר בדיקות: AL
תוצאות המעבדה יועברו במייל: [illegible]
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיזות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפרטים שנרשמו
גובה משוער מפלס מי תהום: נמ☐ בינ☐ עמ☐

*מס סידורי רץ (A,B)	משמורת															תאור תוצאות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באופן פגום.	מדרג ב-מ' חשף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום, ע"פ בקשת מזמין העבודה
															PID (ppm)					
F1													X		X	3.2		5	10:25	0.5	K13-16
F2	X															2.9		5	10:29	1.0	K13-16
F3	X															1.6		5	10:29	2.0	K13-16
F4															X	2.4		5	10:29	3.0	K13-16
F5													X		X	3.7		5	10:34	0.5	K13-17
F6	X															4.7		5	10:36	1.0	K13-17
F7	X															3.1		5	10:29	2.0	K13-17
F8															X	4.8		5	10:40	3.0	K13-17
F9													X		X	4.1		5	10:50	0.5	K13-11
F10	X															3.7		5	10:56	1.0	K13-11
F11	X															3.8		5	10:57	2.0	K13-11
F12															X	2.3		5	10:58	3.0	K13-11

חתימת הדוגם [illegible] נמסר ע"י: _____
תאריך: 17/3/20 שעה: 14:00

משרדי KTE
שם המאמתן: [illegible] מקום אחסון: [illegible]
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

עדים לנמילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים: (הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכת קרקע מזוהמת או החשודה בזיהום ודיגום מוידא"

כלי הדיגום: 1. שרוול קבקע, 2. צנצנת 0.5 ליטר 2.1. : צנצנת עם HNO_3 ; 3.1. ויילים, Nacl(תמיסת מלח) 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה ☐, לא בהסמכה: _____ (הרשות להסמכת מעבדות), במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לתעניש מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת תאחסון: _____ שעה: _____ . תאריך סיום תאחסון: _____ שעה: _____ , תנאי תאחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

מנהל איכות KTE

טופס שרשרת משמורת- COC

מעבדה מוסמכת 395

דגימות קרקע – תיעוד ודרישות אנליזה

דף 2 מתוך 2

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנכ"ל:

סמן האם סוף דו"ח (√)

סוג מכשיר הקידוח:Geoprobe-

שם הדגם: ד"ר כ"ץ טכנולוגיות

מס' הסמכה:395

שם הדגם: גיל כהן

חתימת הדגם:

כתובת האירגון: המגינים 53 חיפה, 33265

טלפון: 04-8553343

פקס: 04-8553317

מייל: gil@kte.co.il

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 eV):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המעבדה האנליטית המבצעת את הבדיקות: ALS

תוצאות המעבדה יועברו במייל: _____

תוצאות המעבדה יועברו בפקס: _____

רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל ויגיל.

בדיקות נדרשות + % רמיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה

הצהרה: טופס זה מזוייחם רק לפריטים שנדגמו

גובה משופך מפלס מי תהום:

נמ☐ בי☐ עמ☐

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

חברה: _____

טלפון: _____

הערות למדיניות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מזרק ב -פ' חנוך -ח'	תעד תריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גרגל גרגר	עופרת	ציאנידים					משמורת		*מס סידורי רץ (A,B)
K13-10	0.5	11:34	5				X		X													£13
K13-10	1.0	11:36	5																		X	£14
K13-10	2.0	11:38	5																		X	£15
K13-10	3.0	11:40	5				X															£16
K13-15	0.5	11:45	5				X		X													£17
K13-15	1.0	11:47	5																		X	£18
K13-15	2.0	11:50	5																		X	£19
K13-15	3.0	11:52	5				X		X													£20
K13-13	0.5	13:50	5				X		X													£21
K13-13	1.0	13:52	5																		X	£22
K13-13	2.0	13:54	5																		X	£23
K13-13	3.0	13:56	5				X															£24

חתימת הדוגם _____ נמסר ע"י: _____

תאריך: 17/3/20 שעה: _____

משרדי KTE

שם המאחסן: _____ מקום אחסון: _____

האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____

תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____

*באחריות המעבדה האנליטית.

עדים לבטילת הדוג'

שם:

חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ושימות קרקע מזוהמת או החשודה בזיהום רדיגום מורחא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י חמשרד להגנ"ס מתאריך: _____

שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe

תאריך תחילת האחסון _____ שעה: _____ . תאריך סיום האחסון _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 7		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: סמה בוך - תל אביב תאריך דיגום: 18/3/20 שם הדוגם: עדן בוקר חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K13-B	0.5	9:10	חול בהיר - שח ורקוב	2.1		אין	לח	
K13-3	1.0	9:13	חול בהיר גס רקוב	2.5		אין	לח	
K13-3	2.0	9:15	חול בהיר שח רקוב	2.1		אין	לח	
K13-B	3.0	9:17	חול קשה שח ורקוב	2.4		אין	לח	
K13-14	0.5	9:21	חול + אבן שורש שח ורקוב	2.3		אין	לח	
K13-14	1.0	9:23	חול + אבן שורשים- שח ורקוב	2.4		אין	לח	
K13-14	2.0	9:24	חל + אבן שורן שח- בח ורקוב	2.6		אין	לח	
K13-14	3.0	9:30	חול + אבן שורשים - שח ורטוב	2.2		אין	לח	
KB-6	0.5	9:35	חול - יבש- מעט אבן שורש חול- רקוב	1.9		אין	יבש	
K13-6	1.0	9:37	חול - יבש- מעט אבן שורש חול -רקוב	2.1		אין	לח	
K13-6	2.0	9:39	חול - יבש מעט אבן שורש חול רקוב	2.2		אין	לח	
K13-6	3.0	9:41	חול - יבש מעט אבן שורש חל רקוב	0.3		אין	לח	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/6/19	16.0	16.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:30	כיול ב- באויר	0.0	√
9:30	כיול באמצעות גז	96.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 7		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה בוקר-תל אי תעריך דיגום: 13/3/20 שם הדוגם: איל דוידס חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KB3-2	0.5	9:45	חול חולה - רטוב קלה	0.5		אין	לא	
KB3-2	1.0	9:47	חול חולה - רטוב-לחה	3.0		אין	לא	
KB3-2	2.0	9:51	חול חולה - רטוב - לחה	2.0		אין	לא	
KB3-2	3.0	9:52	חול עם נקבות שחורות - חרסיות.	2.1		אין	לא	
KB3-2	4.0	9:54	חרסית חולית עם אבני אור/חול	0.3		אין	לא	
KB3-2	5.0	9:56	חרסית שונה-חולה	1.0		אין	לא	
KB3-2	6.0	9:59	חרסית חלות - חולה עם אבנים.	1.2		אין	לא	
KB3-2	7.0	10:02	חרסית שונה - בסיס שחור.	0.3		אין	לא	
KB3-2	7.5	10:04	חרסית חולית - לחה ושונה-שחד בגוונים	1.1		אין	לא	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	16.0	16.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מתצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס נזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	0.0	
8:42	כיול באמצעות גז	96.5	✓

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

KTE Co.
Dr. G. Katz- Technologies & Enterprises
KTE-F20 :מסמך מספר

מעבדת שדה

טפסים
395 מעבדת שדה

02: מספר הדגימה

24/06/2018 :תאריך אחרון לכיול	29/01/2020 :תאריך הפקת מסמך

שם מבצע המדידה: מוחמד אבו עראר
שם מבצע הדגימה: מוחמד אבו עראר
שם מנהל הפרויקט: ד"ר גדעון קטס
שם הלקוח: מועצה אזורית תמר
שם הפרויקט: בדיקת איכות אוויר בסביבת מפעל לייצור פלסטיק

תאריך: 28/3/20 שעה: 8 עד: 17 תאריך: 29/3/20

מיקום הדגימה: _____ תאריך הדגימה: 28/3/20 שעה: 8 עד: 17

שם הלקוח: _____ מס' טלפון: 052-7626-395

מכשיר מס' 395 מכשיר לבדיקת איכות אוויר בסביבת מפעל לייצור פלסטיק

7.4	כוח סוללות V
23.8	כוח פנימי °C
0%	לחות יחסית
0.0	מהירות רוח (m/s)
0.0	מהירות רוח מקסימלית (m/s)
0.0	כיוון רוח

מכשיר מדידה: PPM TVOC/LOGGER; יצרן: חברת ION-SCIENCE; דגם: T-11830; מיוצר ב: 24.11.2019; כיול אחרון בוצע ב: 24.11.2019 (ppm) ISOBUTYLENE ב- 100ppm±10% ; כיול אחרון בוצע ב: 24.11.2019 ; מכשיר מדידה נוסף: PID MINI RAE 3000 ; חיישן: PID 10.6eV ; טווח מדידה: 0-2000ppm ; רזולוציה: 1ppb ; דיוק: ±3% מהקריאה ; זמן תגובה: 2-3 שניות ; מדידה: 0-20% LEL ; חיישן: אלקטרוכימי ; טווח מדידה: 0-30% נפח ; רזולוציה: 0.1% נפח ; דיוק: ±3% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100% נפח ; רזולוציה: 0.1% נפח ; דיוק: ±3% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-25% נפח ; רזולוציה: 0.1% נפח ; דיוק: ±3% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500ppm ; רזולוציה: 1ppm ; דיוק: ±5% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000ppm ; רזולוציה: 1ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000ppm ; רזולוציה: 10ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000ppm ; רזולוציה: 100ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000ppm ; רזולוציה: 100ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000000ppm ; 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מדידה: 0-200000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; 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זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-200000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-500000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-1000000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-2000000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-5000000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-10000000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-20000000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-50000000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30 שניות ; מדידה: 0-100000000000000000000000000000000000000000000000000000000000000000000000ppm ; רזולוציה: 1000ppm ; דיוק: ±10% מהקריאה ; זמן תגובה: 30

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 1 מתוך 7		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוב- תל אביב תאריך דיגום: 19/3/20 שם הדוגם: איתן מלכה חתימה:

מס' טקר חוזה: _____ ציוד הקידוח: GEOPROBE

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת התצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KB3-9	0.5	10:36	חול בינוני עד גס בהיר	2.0		אין	יש	
KB3-9	1.0	10:37	חול חרסיתי בהיר	1.4	1.3	אין	יש	
KB3-9	2.0	10:43	חול בהיר-בינוני-בהיר	1.7		אין	יש	
KB3-9	3.0	10:45	חול בהיר-בינוני	1.7	1.7	אין	יש	
KB3-7	0.5	10:47	חול דק-בהיר	1.4		אין	יש	
KB3-7	1.0	10:49	חול חרסיתי בהיר	2.2	2.0	אין	יש	
KB3-7	2.0	10:50	חול חרסיתי בהיר-חערב דק	1.7		אין	יש	
KB3-7	3.0	10:52	חול חרסיתי בהיר-בינוני	1.0	0.7	אין	יש	
KB3-8	0.5	10:55	חול חרסיתי בהיר בינוני	2.3		אין	יש	
KB3-8	1.0	10:57	חרסית חולית בהירה-אפרפרה	2.1	2.3	אין	יש	
KB3-8	2.0	10:59	חרסית חולית בהירה-אפרפרה	2.0		אין	יש	
KB3-8	3.0	11:01	חרסית חולית עד אבן שנבה.	1.7	1.6	אין	יש	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	16	16.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	99	
8:43	כיול באמצעות גז	96.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקוחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 7 מתוך 5		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דב- תל אביב תאריך דיגום: 18/3/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K13.5	0.5	11:05	חרסית חומה, מעט חולית.	1.1		RE	Q1	
K13.5	1.0	11:07	חול חרסיתי - קביר חום.	2.6		IE	Q1	
K13.5	2.0	11:12	חול קביר - חרסיתי חילו	2.6		IE	Q1	
K13.5	3.0	11:15	חול חרסיתי כביר	1.6		IE	Q1	
K13-18	0.5	11:30	חול קביר - חום כהה.	2.9		IE	Q1	
K13-18	1.0	11:33	חול חלוק-גס. כהה	2.3		IE	Q1	
K13-18	2.0	11:37	חול חלוק גס - קביר	2.7		IE	Q1	
K13-18	3.0	11:40	חול גס - חלוק - כהה	2.6		IE	Q1	
K9-7	0.5	11:45	חרסית חולית חומה	3.3		IE	Q1	
K9-7	1.0	11:50	חרסית חולית גוונית-כהית	3.3		IE	Q1	
K9-7	2.0	11:53	חרסית שונה כמה חום.	1.2		IE	Q1	
K9-7	3.0	11:55	חרסית שונה מאוד-כהה וחום.	0.7		IE	Q1	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח התפתח PIDתעד קריאת
27/9/24	16.9	10.2	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	0.0	√
8:42	כיול באמצעות גז	96.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 7 מתוך 6		אושר ע"י: דייר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוב - תל שרוך תאריך דיגום: 18/3/20 שם הדוגם: [illegible] חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K9-12	0.5	12:00	חול חרסיתי- כהה	3.6	3.8	אין	כן	
K9-12	1.0	12:05	חול חרסיתי כהה	3.9	3.7	אין	כן	
K9-12	2.0	12:10	חרסית שונה בצבע שחור	1.4		אין	לא	
K9-12	3.0	12:12	חרסית שונה, קשה - בצבע שחור	1.3	1.0	אין	לא	
K9-6	0.5	12:15	חול חרסיתי כהה	3.1		אין	כן	
K9-6	1.0	12:19	חול חרסיתי + חרסית קשה	2.8	2.5	אין	כן	
K9-6	2.0	12:26	חרסית חומה קשה - בצבע שחור	2.9		אין	כן	
K9-6	3.0	12:27	חרסית- חומה, קשה - בצבע שחור (3.3)	3.0	2.5	אין	כן	
K9-11	0.5	12:35	חול חרסיתי - חום כהה	2.9		אין	כן	
K9-11	1.0	12:37	חרסית שונה חומה - שחורה	2.7		אין	כן	
K9-19	2.0	12:40	חרסית שונה - שחורה	3.0	2.9	אין	כן	
K9-11	3.0	12:43	חרסית שונה - שחורה	2.8		אין	כן	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	16.0	16.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	0.0	
8:47	כיול באמצעות גז	96.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכה מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 7 מתוך 7		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה תל אביב-יפו תאריך דיגום: 17/3/20 שם הדוגם: ניתן פרוס חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת התצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KG-8	0.5	12:47	חרסית חולית - רטובה	3.1		אין	יש	
KG-8	1.0	12:49	חרסית חולית - רטובה	3.1		אין	יש	
KG-8	2.0	12:53	חרסית שונה - רטובה	2.8		אין	יש	
KG-8	3.0	12:55	חרסית שונה - רטובה	2.9		אין	יש	
KG-9	0.5	12:59	חרסית - חלוקית - יבשה	2.6		אין	יש	
KG-9	1.0	13:01	חרסית שונה - מתחילה יבשה	2.6		אין	יש	
KG-9	2.0	13:06	חרסית שונה חולנית מתחילה	2.4		אין	יש	
KG-9	3.0	13:09	חרסית שונת חולית	2.3		אין	יש	
KG-10	0.5	13:15	חול חרסיתי - יבש	1.1		אין	יש	
KG-10	1.0	13:18	חול חרסיתי - יבש	2.1		אין	יש	
KG-10	2.0	13:21	חרסית שונה - מתחילה	2.1		אין	יש	
KG-10	3.0	13:23	חרסית שונה מתחילה - רטובה	2.4		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/4/20	16.0	26.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:42	כיול ב- באויר	0.0	√
8:42	כיול באמצעות גז	96.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה 33269
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 2
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	אקלא רמלה
שם אתר דיגום:	שדה תעופה רמלה
כתובת האתר:	שדה תעופה רמלה
תאריך הדיגום:	12/3/20 מס סקר חוזר:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6): T-114310_ תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC מספר
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיזות

אין להעתיק ולקלף מסמס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ[ ] בין[ ] עם[ ]

| מס' סידורי רץ (A,B) | משמורת | | |

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ין טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 2
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	[illegible]
שם אתר דיגום:	בקה 213
כתובת האתר:	בקה 213 - תל אביב
תאריך הדיגום: 19/3/20	מס סקר תחזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ACS
תוצאות המעבדה יועברו במייל: _____.
תוצאות המעבדה יועברו בפקס: _____.
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רסיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גרפה משוער מפלס מי תהום:
גמ ☐ בינ ☐ עמ ☐

*מס סידורי רץ (A,B)	משמרת															PID (ppm)	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באמן פגום.	מדרוך ב-מ' חשף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
G13														X	X	0.5			5	9:43	0.5	K13-2
G14	X															3.0			5	9:47	1.0	K13-2
G15	X															2.0			5	9:51	2.0	K13-2
G16															X	2.1			5	9:53	3.0	K13-2
G17	X															0.3			5	9:54	4.0	K13-2
G18	X															1.0			5	9:56	5.0	K13-2
G19															X	1.2			5	9:59	6.0	K13-2
G20	X															0.2			5	10:02	7.0	K13-2
G21															X	1.1			5	10:04	8.5	K13-2
G22																						
G23																						
G24																						

עדים לנטילת הדוג'
שם:
חתימה:

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

חתימת הדוגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שרימות קרקע מזוהמת או החשודה בזיהום רדיגום מורדא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1 : צנצנת עם HNO3 ; 3.ויילים,3.1 : NaCl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית עקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . חדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : (דיגום קרקע/ דיגום מערוס/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד הדרישות אנליזה
דף 7 מתוך 3
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום: 19/3/20	מס סקר /אזור:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממחר/תעשייה/חקלאות/ אחר:	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*בוצע. יסומן במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible] ואם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לחשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לטופס המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפרטים שנדגמו
גבוה משוער מפלס מי תהום: נמ☐ בינ☐ עמ☐

*מס' סידורי רץ (A,B)	משמורת																		תעד תרגומות: 1. לא נשמרה. בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הנדרש. 3. התקבל באופן פגום.	מורכ ב-כ' חנף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
G22	X																2.2			5	0:55	0.5	K13-4
G23																X	X	2.4			5	0:59	1.0	K13-4
G24	X																	2.6			5	10:02	2.0	K13-4
G25																	X	2.0			5	10:04	3.0	K13-4
G26																X	X	2.2			5	10:10	0.5	K13-17
G27	X																	2.2			5	10:12	1.5	K13-17
G28	X																	2.2			5	10:18	2.0	K13-17
G29																	X	1.7			5	10:21	3.0	K13-17
G30																X	X	2.1			5	10:26	0.5	K13-1
G31	X																	2.2			5	10:27	1.0	K13-1
G32	X																	2.2			5	10:30	2.0	K13-1
G33																	X	2.3			6	10:32	2.5	K13-1

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עיימות קרקע מזוהמת אר החשודה בזיהום ודיגום מוידא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת עם HNO_3 ; 3. ויילים, 3.1. : Nacl(תמיסת מלח), 3.2 : מתנול, 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חותמת+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד צייד נטילת הדוגמא: GEOPROBE
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 2
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	[illegible]
שם אחר דגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום: 19/3/19	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר_____	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשירות המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: [illegible]
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
ברזיקות נדרשות + % רטיבות

אין להעתיק חלקים ממסמך זה ללא אישור המעבדה.
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
טובה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

*מס סידורי ריק (A,B)	משמורת														PID (ppm)	תעד וריגות: 1. לא נשמרה בטמפ' מהאושה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באפן פגום.	מדרך ב-מ' תחף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
G34												X		X	2.0			5	10:36	0.5	K13-9
G35	X														1.4			5	10:39	1.0	K13-9
G36	X														1.7			5	10:43	2.0	K13-9
G37														X	1.7			5	10:49	3.0	K13-9
G27												X		X	1.4			5	10:47	0.5	K13-7
G39	X														2.2			5	10:48	1.0	K13-7
G40	X														1.7			5	10:50	2.0	K13-7
G41														X	1.9			5	10:57	3.0	K13-7
G42												X		X	2.3			5	10:54	0.5	K13-8
G43	X														2.1			5	10:57	1.0	K13-8
G44	X														2.0			5	10:59	2.0	K13-8
G45														X	1.7			5	11:01	3.0	K13-8

חתימת הדוגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום רדיגום מזרזא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 ; 3. צנצנת עם HNO3 ; 3.1,ויילים ; 3.2 Nacl(תמיסת מלח), 3.3 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____
נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חותמת+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך 7
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

שם הלקוח:	אהלה כפרי
שם אתר דיגום:	אפק 213
כתובת האתר:	מגן אפק 8, אפק
תאריך הדיגום:	19/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אהלה כפרי
איש קשר להשלום: גורי 18
חברה:
טלפון:
הערות למדידות הנדרשות: לשימוש המעבדה האנליטית בלבד

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להתעדק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גרגר משוער מפלס מי תהום:
גס ☐ בינ ☐ עד ☐

| *מס סידורי רץ (A,B) | משמורת | | |

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חדרה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 6 מתוך 7
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום: 12/3/20	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממחר/תעשייה/תקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6 T-114310:) תמונת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*כדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רשימת

אין להשתמש בחלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גבוה משוער מפלס מי תהום: גם ☐ בי ☐ עם ☐

דיגוי בק' הדיגום. ע"פ בקשת מזמין העבודה	שומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב-מ' חשף -מ'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גדל גרגר	עופרת	צינאידים				משמורת		*מס סידורי רץ (A,B)
KQ-12	0.5	12:00	5			3.6	X		X													G58
KQ-12	1.0	12:05	5			3.9															X	G59
KQ-12	2.0	12:10	5			1.4															X	G60
KQ-12	3.0	12:12	5			1.3	X															G61
KQ-6	0.5	12:15	5			3.1	X		X													G62
KQ-6	1.0	12:17	5			2.8															X	G63
KQ-6	2.0	12:24	5			2.9															X	G64
KQ-6	3.0	12:27	5			3.0	X															G65
KQ-11	0.5	12:35	5			2.9	X		X													G66
KQ-11	1.0	12:37	5			2.7															X	G67
KQ-11	2.0	12:40	5			3.0															X	G68
KQ-11	3.0	12:43	5			2.9	X															G69

חתימת הדוגם [illegible] . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאמתן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה: _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום עיימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי חדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות פא לתעד _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GeoProbe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת וארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 1
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה T-114310:(Ev 10.6 ; תפוגת הכיול: 23/11/2020	
*התקבל ע"י: ; תאריך: ; חתימה: ; שעה:	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציוד המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דוחפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה.
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי התהום: נמ☐ בי☐ עמ☐

*מס' סידורי רץ (A,B)	משמורת		PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גרגל גרגר	עפרת	ציאנידים				תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או מופל בפרק הזמן הדרוש.3.התקבל באפן פגום.	מזרק ב-מ' חפף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
G70			3.1	X		X												5	1247	0.5	KG-8
G71	X		3.1															5	1249	1.0	KG-8
G72	X		2.8															5	12:53	2.0	KG-8
G73			2.9	X														5	12:53	3.0	KG-8
G74			2.6	X		X												5	12:59	0.5	KG-9
G75	X		2.6															5	13:01	1.0	KG-9
G76	X		2.6															5	13:06	2.0	KG-9
G77			2.9	X														5	13:09	3.0	KG-9
G78			1.1	X		X												5	13:15	0.5	KG-10
G79	X		2.1															5	13:17	1.0	KG-10
G80	X		1.1															5	13:21	2.0	KG-10
G81			2.4	X														5	13:23	3.0	KG-10

חתימת הדוגם: , נמסר ע"י:
תאריך: שעה:

משרדי KTE
שם המאחסן: מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י: חותמת + חתימה: שעה :
תאריך: *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עיימות קרקע מזוהמת או החשודה בזיהום דיגום מרחא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO3 ; 3.וילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת הסביבה מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר, תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025 מס' 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 1 מתוך 6		אושר ע"י: דייר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה דוב- תל אביב תאריך דיגום: 25/3/20 שם הדוגם: אורן פרי חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דיגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-24	0.5	9:40	חול חרסיתי כהה	0.4		אין	לח	J1
K11-24	1.0	9:41	חול חרסיתי כהה - חום	0.8		אין	לח	J2
K11-24	2.0	9:45	חול חרסיתי כהה חום	1.6		אין	לח	J3
K11-24	3.0	9:46	חול חרסיתי כהה חום	0.9		אין	לח	J4
K11-19	0.5	9:51	חול עם לבנה	2.1		אין	לח	J5
K11-19	1.0	9:52	חול עם כבדה	0.6		אין	לח	J6
K11-19	2.0	9:55	חול חרסיתי כהה	0.3		אין	לח	J7
K11-19	3.0	9:57	חול חרסיתי כהה	0.1		אין	לח	J8
K11-20	0.5	10:02	חרסית חולית כהה - אפורה	5.9		אין	לח	J9
K11-20	1.0	10:04	חרסית חולית כהה - כהה	5.2		אין	לח	J10
K11-20	2.0	10:08	חרסית חולית כהה - אפורה	0.6		אין	לח	J11
K11-20	3.0	10:10	חרסית חולית כהה	0.2		אין	לח	J12

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח המתוח PIDתעד קריאת
27/6/20	17.0	19.0	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:30	כיול ב- באויר	0.0	
9:30	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
למתכוונת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 2 מתוך 6		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שפה דוכ- תל אביב תאריך דיגום: 25/3/20 שם הדוגם: איתן דונסקי חתימה: [illegible]

מס' טקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-21	0.5	10:12	חול חרסית כהה	1.3		אין	כן	
K11-21	1.0	10:13	חול חרסית כהה	3.1		אין	לא	
K11-21	2.0	10:17	חול חרסית כהה	4.5		אין	לא	
K11-21	3.0	10:18	חרסית - שכבה שחורה	3.0		אין	לא	
K11-14	0.5	10:21	חול צהוב בהיר	4.3		אין	לא	
K11-14	1.0	10:22	חול צהוב בהיר	4.5		אין	לא	
K11-14	2.0	10:27	חול צהוב בהיר	3.4		אין	לא	
K11-14	3.0	10:29	חול צהוב כהה	0.7		אין	לא	
K11-9	0.5	10:35	חול חרסית כהה	0.8		אין	כן	
K11-9	1.0	10:37	חול חרסית כהה	0.6		אין	לא	
K11-9	2.0	10:40	חול חרסית כהה	0.4		אין	לא	
K11-9	3.0	10:41	חרסית כהה שחור	0.5		אין	לא	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	17.0	19.0	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
7:30	כיול ב- באויר	0.0	
8:30	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקידוח הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

דוגם מוסמך 395 מעבדה

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 3 מתוך 6		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

שם האתר: שדה דוכיפת תל אדיר תאריך דיגום: 25/3/20 שם הדוגם: ניר דרעי חתימה:

מס' סקר חוזה: ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-9	4.0	6:43	חרסית אדומה	0.5	0.7	אין	יש	
K11-9	4.5	10:45	חרסית אדומה	0.6		אין	יש	
K11-5	0.5	12:00	חול חרסיתי עם אבנים	0.7	0.6	אין	יש	
K11-5	1.0	12:01	חול חרסיתי כהה	0.6		אין	יש	
K11-5	2.0	12:06	חול חרסיתי כהה	0.9	0.7	אין	יש	
K11-5	3.0	12:07	חרסית שמנה בצבע שחור	1.2		אין	יש	
K11-12	0.5	12:10	חול חרסיתי בצבע כהה	0.4	0.6	אין	יש	
K11-12	1.0	12:11	חרסית חולית בצבע חום	0.6		אין	יש	
K11-12	2.0	12:15	חרסית חולית עם אבנים	1.4	1.0	אין	יש	
K11-12	3.0	12:17	חול חרסיתי בצבע כהה	1.6		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
29/9/19	12.0	19.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:30	כיול ב- באויר	0.0	√
8:30	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025 תקן
No. 395 מס'

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 4 מתוך 6		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

שם האתר: שדה דב תל אביב תאריך דיגום: 25/3/20 שם הדוגם: א'ר חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K1-15	0.5	12:20	חול חרסית רכוב	0.5	0.9	א'ר	י'	
K11-15	1.0	12:27	חול חרסיתי כהה עם אבנים	0.6		א'ר	י'	
K11-15	2.0	12:25	חול חרסיתי כהה	0.9	0.6	א'ר	י'	
K11-15	3.0	12:27	חול חרסיתי רכוך	1.7		א'ר	י'	
K10-10	0.5	12:30	חרסיתחולית חול מועד מילוי	0.6	0.4	א'ר	י'	
K11-10	1.0	12:32	חול חרסיתי רטוב מעט	0.4		א'ר	י'	
K11-10	2.0	12:36	חול חרסיתי	0.3	0.7	א'ר	י'	
K11-10	3.0	12:39	חרסית חולית	0.4		א'ר	י'	
K11-13	6.5	12:40	חרסית— חול אדמדם רכוך-ת	0.7	0.5	א'ר	י'	
K11-13	1.0	12:42	חרסית מעט חולית בהירה	0.3		א'ר	י'	
K11-13	2.0	12:47	חול חרסיתי רכוך	0.3		א'ר	י'	
K11-13	3.0	12:49	חול חרסיתי רכוך	0.3		א'ר	י'	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/4/20	17	19.0	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:30	כיול ב- באויר	0.0	√
8:30	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תצד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבצנת זכוכית/ צבצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
395 מעבדה

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 5 מתוך 6		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

שם האתר: שדה קדמי-אורן תאריך דיגום: 25/3/20 שם הדוגם: יזן חתימה: [illegible]

מס' טקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-23	0.5	12:51	חול חרסיתי דקן מעט חצץ	0.8	0.6	אין	יש	
K11-23	1.0	12:53	חרסית חומית וכורכה כהה	0.7	[illegible]	אין	יש	
K11-22	2.0	12:55	חמרה- אדמה חומה וכורכה	0.4		אין	יש	
K11-23	3.0	12:57	חרסית חומית בהירה	0.7		אין	יש	
K11-22	0.5	13:00	חול יפה וכורכ בהיר	0.5	0.4	אין	יש	
K11-22	1.0	13:02	חול יפה וכורכ בהיר	0.7		אין	יש	
K11-22	2.0	13:05	חרסית שמנה / חומית וכורכה	0.6		אין	יש	
K11-22	3.0	13:07	חרסית חומית בהירה וכורכית	0.4	0.3	אין	יש	
K11-11	0.5	13:10	חול חרסיתי דקה חומה	0.5		אין	יש	
K11-11	1.0	13:12	חול חרסיתי דקה חומה	0.7		אין	יש	
K11-11	2.0	13:15	חרסית חומית	0.9	0.8	אין	יש	
K11-11	3.0	13:18	חרסית חומית- וכורכית	0.8		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/3/24	17	19.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:30	כיול ב- באויר	0.0	
8:30	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 6 מתוך 6		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

שם האתר: אזה דה - גן אלים תאריך דיגום: 25/3/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-16	0.5	13:20	תמרה - חול חרסיתי כהה אפור	0.6		יש		
K11-16	1.0	13:22	חול חרסיתי כהה	0.5		יש		
K11-16	2.0	13:25	חרסית חולית	[illegible]		יש		
K11-16	3.0	13:28	חרסית חולית			יש		
K11-17	0.5	13:41	חול כהה עם שרשים	0.4		יש		
K11-17	1.0	13:46	חול כהה עם שרשים	0.5		יש		
K11-17	2.0	13:49	חול יבש בצבע אפור	0.8		יש		
K11-17	3.0	13:51	חול חרסיתי בצבע אפור כהה	0.4		יש		
K11-18	0.5	13:54	תמרה - חול חרסיתי אדמדם	0.3		יש		
K11-18	1.0	13:57	חרסית חולית - כהה	0.6		יש		
K11-18	2.0	13:59	חרסית חולית - כהה	0.9		יש		
K11-18	3.0	14:07	קרקע חולית	1.2		יש		

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/3/24	17.0	19.0	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
7:30	כיול ב- באויר	0.0	√
8:30	כיול באמצעות גז	98-100	

- בצע חזרה ומצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבצנת זכוכית/ צבצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון הדגם: ד"ר כ"ץ מכנולוגיות.
מס' הסמכה::395
שם הדוגם: איקון רמת גן
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המגב"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	איקון רמת גן
שם אתר דיגום:	שדה דוב - תל אביב
כתובת האתר:	שדה דוב - תל אביב
תאריך הדיגום:	25/3/20 מס סקר תחזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: איקון רמת גן האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: שדה דוב האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

*מס סידורי רץ (A,B)	משמורת																		תאר חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באפן פגום.	מדד ב-פ' חנף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי בק' הדיגום, ע"פ בקשות מזמין העבודה
J1													X		X	0.4			5	9:40	0.5	K11-24
J2																0.8			5	9:41	1.0	K11-24
J3																1.0			5	9:45	2.0	K11-24
J4															X	0.9			5	9:46	3.0	K11-24
J5													X		X	2.1			5	9:51	0.5	K11-19
J6																0.6			5	9:52	1.0	K11-19
J7																0.3			5	9:55	2.0	K11-19
J9															X	0.1			5	9:57	3.0	K11-19
J9													X		X	5.9			5	10:02	0.5	K11-20
J10																5.2			5	10:04	1.0	K11-20
J11																0.6			5	10:09	2.0	K11-20
J12															X	0.2			5	10:10	3.0	K11-20

תחימת הדוגם _____ . נמסר ע"י: _____
תאריך: 25/3/20 שעה: 16:00

משרדי KTE
שם המאחסן: גילון מקום אחסון: ארון
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תצר טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עודים לנטילת הזוג
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירומת קרקע מזוהמת או החשודה בזיהום ודיגום מורדא"
כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3 ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה _____ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: _____ (תחימה+ חותמת) תאריך 25/3/20 . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: 25/3/20 . שעה: 16:00 . תאריך סיום האחסון: 26/3/20 . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

מנף איכות KTE

טופס שרשרת משמורת- COC

ארגון הדגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה::395
שם הדגם: [illegible]
חתימת הדגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

ISRAC הרשות הלאומית להסמכת מעבדות ISO/IEC 17025 מס' No. 395

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	25/3/20 — מס סקר תחזה: 25
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 , תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום: נמ[ ] בין[ ] עם[ ]

זיהוי נק' הדיגום. ע"מ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב -מ' חנף -ח'	תעד חריגות: 1. לא בשמרה בממפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באשן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגיר	עפרת	אזבסטים				משמורת		*מס סידורי רץ (A,B)
K11-21	0.5	10:12	5			1.3	X		X													J13
K11-21	1.0	10:13	5			3.7																J14
K11-21	2.0	10:17	5			4.5																J15
K11-21	3.0	10:19	5			3.0	X															J16
K11-14	0.5	10:21	5			4.7	X		X													J17
K11-14	1.0	10:23	5			4.5																J18
K11-14	2.0	10:24	5			3.4																J19
K11-14	3.0	10:27	5			0.7	X															J20
K11-9	0.5	10:35	5			0.8	X		X													J21
K11-9	1.0	10:37	5			0.6																J22
K11-9	2.0	10:40	5			0.4																J23
K11-9	3.0	10:41	5			0.5	X															J24

חתימת הדגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאמת: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה: _____ שעה: _____
תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוגמ
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות עדיפות קרקע מזוהמת או החשודה בזיהום ודיגום מומלצת"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1.: צנצנת עם HNO_3 ; 3.ויילים,3.1. Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

הא לסמן האם הדיגום נעשה בהסמכה: ☐ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות הא למעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . תשיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה:395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
סייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה:
דף 3 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	מס סקר חוזה: 25/3/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . תחימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת רגישות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
גמ☐ בינ☐ עמ☐

מס' סידורי רץ (A,B)	משמורת																				תאור חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	מרוכ ב -מ' חנוך -ת'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
125																							5	10:43	4.0	K11-9
126																							5	15:45	4.5	K11-9
127																							5	12:0	0.5	K11-5
128																							5	12:07	1.0	K11-5
129																							5	12:16	2.0	K11-5
130																							5	12:07	3.0	K11-5
131																							5	12:10	0.5	K11-12
132																							5	12:11	1.0	K11-12
133																							5	12:15	2.0	K11-12
134																							5	12:17	3.0	K11-12
135																										
136																										

PID (ppm): 0.5, 0.6, 0.7, 0.6, 0.9, 1.2, 0.4, 0.6, 1.4, 1.6
TPH DRO/ORO: X, X, X, X, X
ICP: X, X
pH: 7.1

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

מטרדי KTE
שם המאמסן: _____ .מקום מאמסן: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום שריפת קרקע מזוהמת או החשודה בזיהום רדיגום מרוחא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1, : צנצנת עם HNO3 ; 3.1,ויילים, : NaCl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגניים מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך ותחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

שם הלקוח:	אלקוח בדיקה
שם אתר דיגום:	אלקוח בדיקה - 23.12.19
כתובת האתר:	אלקוח בדיקה - 23.12.19
תאריך הדיגום:	25/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה: Ev 10.6):T-114310 . תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

דגימות קרקע + תיעוד ודרישות אנליזה
דף 1 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה::395
שם הדוגם: אלקוח בדיקה
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

*בדה. יסולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המעבדה האנליטית המבצעת את הבדיקות: ALS ✓
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רסיבות

שם המשלם: אלקוח בדיקה
איש קשר לחשלום: _____
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנבדגמו
נדבה משוער מפלס מי תהום:
נמוך ☐ בינוני ☐ עמוק ☐

מס' סידורי ריק (A,B)*	משמורת															PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר	עפרת	אזבסט				מורכ ב-מ' חנף -ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל במרק הזמן הדרוש.3.התקבל באפן פגום	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום
J36																0.5	X		X													K11-15	0-5	12:26	5
J37																1.0																K11-15	1.0	12:29	5
J38																2.0																K11-15	2.0	12:25	5
J39																3.0	X															K11-15	3.0	12:27	5
J40																0.5	X		X													K11-10	0.5	12:30	5
J41																1.0																K11-10	1.0	12:32	5
J42																2.0																K11-10	2.0	12:36	5
J43																3.0	X															K11-10	3.0	12:38	5
J44																0.5	X		X													K11-13	0.5	12:40	5
J45																1.0																K11-13	1.0	12:42	5
J46																2.0																K11-13	2.0	12:49	5
J47																3.0	X															K11-13	3.0	12:49	5

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאסמן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום רדיגום מורדא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1, : צנצנת עם HNO3 ; 3.ויילים,3.1, Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וווהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . חשיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ין טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: מיקי
חתימת הדוגם: [signature]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד הדרישות אנליזה
דף 5 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה 395

שם הלקוח:	[illegible]
שם אתר דיגום:	שדה [illegible]
כתובת האתר:	שדה [illegible]
תאריך הדיגום:	25/3/20 — מס סקר וחזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 . תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . תחימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*ברה, ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות למדידות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נוכח משוער מפלס מי תהום: נמ☐ בינ☐ עמ☐

זיהוי נק' הדיגום, ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדוכ ב -כ' חנוך -ח'	תעד הריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	ניקל נייד	עופרת	אזבסטים				משמורת		*מס' סידורי ריק (A,B)
K11-23	0.5	[illegible]	5			0.8	X		X													048
K11-23	1.0	12:53	5			0.7																049
K11-23	2.0	12:55	5			0.4																050
K11-23	3.0	12:57	5			0.7	X															051
K11-22	0.5	13:00	5			0.5	X		X													052
K11-22	1.0	13:02	5			0.7																053
K11-22	2.0	13:05	5			0.6																054
K11-22	3.0	13:07	5			0.4	X															055
K11-11	0.5	13:10	5			0.5	X		X													056
K11-11	1.0	13:12	5			0.7																057
K11-11	2.0	13:15	5			0.9																058
K11-7	3.0	[illegible]	5			0.8	X															059

תחימת הדגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאמתן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירומת קרקע מזוהמת או החשודה בזיהום ודיגום מודאג"

כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1, : צנצנת עם HNO3 ; 3.ויילים,3.1, : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה::395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 35265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 6 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2005
No. 395 מס'

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	25/3/20 מס סקר מחזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הביול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. ימלא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible]
איש קשר לתשלום: [illegible]
חברה:
טלפון:
הערות לבדיקות הנדרשות:
האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: AL
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתמש חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נמוכה בינונית עמוסה

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדרג ב-מ' חנף -ח'	תעד הדיגות: 1. לא בשפרה בטמפ' מתאימה.2.לא התקבל או שופל בפרק הזמן הדרוש.3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר	עפרת	אזבסט				משמורת		*מס סידורי רץ (A,B)
K17-16	0.5	13:20	5			0.6	X		X													360
K17-16	1.0	13:22	5			0.5																361
K17-16	2.0	13:25	5			לחות																362
K17-16	3.0	13:28	5			לחות	X															363
K17-17	0.5	13:41	5			0.4	X		X													364
K17-17	1.0	13:46	5			0.5																365
K17-17	2.0	13:49	5			0.8																366
K17-17	3.0	13:51	5			0.4	X															367
K17-18	0.5	13:54	5			0.3	X		X													368
K17-18	1.0	13:57	5			0.6																369
K17-18	2.0	13:59	5			0.9																370
K17-17	3.0	14:01	5			1.2	X		X													371

תחימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האזראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנשילת הדוג
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירמות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.1.ויילים, 3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן תאם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____ 9805105
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום תאחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חיזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הנורה:12/2019	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 1
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) ✓
סוג מכשיר הקידוח: Geoprobe-

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: עירון נ.
חתימת הדוגם: עירון נ.
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kie.co.il

מספר מוסמך 395

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: גבעולים האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא חברה: טלפון: לשימוש המעבדה האנליטית בלבד הערות לבדיקות הנדרשות	שם המעבדה ואנליטיות המבוצעת את הבדיקות: AGS אנליב תוצאות המעבדה יועברו במייל: תוצאות המעבדה יועברו בפקס: רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל. בדיקות נדרשות + % רשימות	אין להשתמש ולקדם מטופס זה ללא אישור המעבדה הצהרה: טופס זה מתייחס רק לפריטים שנדגמו גובה משוער מפלס מי תהום: נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום, ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מדרכב -כ' חנוך - ח'	תעד וציונים: 1. לא נשמרה כנדרש מראיה. 2.לא התקבל או טופל בפרק הזמן הנדרש. 3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרים 6+	גרגל גריגר			משמורת	*מס סידורי רץ (A,B)
K99.19	0.5	5	9:30				X		X									
K99.20	0.5	5	10:04				X		X									
K99.21	0.5	5	10:12				X											
K99.22	0.5	5	10:29				X											

חתימת הדוגם עירון נ. נמסר ע"י:
תאריך: 25/9/20 שעה: 16:00

משרדי KTE
שם המאחסן: דניס ק. מקום אחסון: מקרר
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול, 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להג"ס מתאריך: _____

שם מאשר דו"ח טופס המשמורת: _____ (חתימה+ חותמת) תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____

תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 5		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה בוקר - לוי אשכול תאריך דיגום: 30/3/20 שם הדוגם: איקו פולק חתימה: [signature]

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K9-3	0.5	9:45	חול בינוני-לח עם חלוקי	0.000		אין	לח	
K9-3	1.0	9:46	חול בינוני-לח עם חלוקי	0.018		אין	לח	
K9-3	2.0	9:50	חול חרסיתי עם חלוקי	0.024		אין	לח	
K9-3	3.0	9:51	חרסית שחורה (ריח דיזל)	0.013		חזק	לח	
K9-5	0.5	9:55	חרסית חלקית בהירה	0.024		אין	לח	
K9-5	1.0	9:56	חול חרסיתי בהיר	0.020		אין	לח	
K9-5	2.0	10:02	חרסית חולית-חלוקי דיזל	0.015		אין	לח	
K9-5	3.0	10:03	חרסית שחורה-ריח דיזל	0.015		חזק	לח	
K9-4	0.5	10:10	חול חרסיתי בינוני	0.016		אין	לח	
K9-4	1.0	10:11	חרסית חולית בינוני	0.020		אין	לח	
K9-4	2.0	10:14	חול חרסיתי בינוני	0.030		אין	לח	
K9-4	3.0	10:16	חרסית כורית שחורה	0.019		אין	לח	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	20°		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	97.6	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
מס' 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 5		אושר ע"י: דר' גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה בן גוריון תאריך דיגום: 30/3/20 שם הדוגם: איקו קולב חתימה: [illegible]

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KQ-2	0.5	10:25	חול חרסיתי רוד	0.021		אין	יש	
KQ-2	1.0	10:26	חרסית רגיונה חלנית-לבנת-אפר גיר	0.052		אין	יש	
KQ-1	0.5	10:31	חול עם. יפ רגיונ	0.019		אין	יש	
KQ-1	1.0	10:32	חול עם. יפ רגיונ (שכב רגיל מירבי)	0.033		אין	יש	
KQ-23	0.5	11:00	חול רגיונ- עם- מעט שבר צירוסף	0.031		אין	יש	
KQ-23	1.0	11:01	חול רגיונ- עם- מעט אבני צירוסף	0.024		אין	יש	
KQ-23	2.0	11:07	חול אפור- חרסיתי	0.024		אין	יש	
KQ-23	3.0	11:07	חרסית שחוב- שחורה	0.026		אין	יש	
KQ-22	0.5	11:20	חול חרסיתי לבנר	0.028		אין	יש	
KQ-22	1.0	11:21	חול חרסיתי קיר	0.024		אין	יש	
KQ-22	2.0	11:24	חרסית חולנית כוהר	0.024		אין	יש	
KQ-22	3.0	11:26	חרסית שחוב-אפורה					

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/4/24	20.0		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:00	כיול באמצעות גז	97.6	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 3 מתוך 5		אושר ע"י: דייר גיל כייץ, מנכ"ל — חתימה:

שם האתר: שדה בלי- תל אביב תאריך דיגום: 30/3/20 שם הדוגם: עמוס גזית חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת התחאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-19	0.5	11:38	תל חרסיתי אחור	0.027		אין	כן	
K10-19	1.0	11:39	תל חרסיתי אחור	0.024		אין	כן	
K10-19	2.0	11:45	חרסית שמנת תל.	0.030		אין	כן	
K10-19	3.0	11:46	חרסית אחורה תל.	0.028		אין	כן	
K10-19	0.5	12:20	תל אפר + עצם	0.026		אין	כן	
K10-19	1.0	12:21	תל חרסיתי- אפור	0.029		אין	כן	
K10-19	2.0	12:25	תל אפור- אחור	0.026		אין	כן	
K10-19	3.0	12:26	תל אפור- כתם רקוב	0.033		אין	כן	
K10-19	4.50	11:50	נעדר קאיס- חרסית אפורה חולית	0.026		אין	כן	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	20.0°		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:00	כיול באמצעות גז	97.6	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האוחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 4 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה בוקר 18 אשכל תאריך דיגום: 30/3/20 שם הדוגם: איתן פרנס חתימה: איתן

מס' טקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K9-24	0.5	13:45	חרסית חומה ורזה	0.015		אין	אין	
K9-24	1.0	13:46	חרסית שחורה ורזה מעט חולית	0.014		אין	אין	
K9-24	2.0	13:51	חרסית שמנה, שחורה	0.021		אין	אין	
K9-24	3.0	13:52	חרסית שמנה, שחורה	0.022		אין	מעט	
K9-25	0.5	13:58	חול חרסיתי + אבן	0.029		אין	אין	
K9-25	1.0	13:59	חרסית חצית מתפוררת	0.025		אין	אין	
K9-25	2.0	14:03	חרסית שמנה עם שחור	0.021		אין	אין	
K9-25	3.0	14:04	חרסית שמנה עם שחור	0.020		אין	אין	
K9-26	0.5	14:10	חול אבן + אבן שחים	0.033		אין	אין	
K9-26	1.0	14:12	חרסית חולית מתפוררת	0.022		אין	אין	
K9-26	2.0	14:17	חרסית שמנה, חומה	0.023		אין	אין	
K9-26	3.0	14:19	חרסית שמנה, שחורה	0.025		אין	אין	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/4/20	20.0		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	97.6	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 5 מתוך 5		אושר ע"י: דייר גיל כייץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוד-18' אשכול תאריך דיגום: 30/3/20 שם הדוגם: איל דורון חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: GEOPROBE

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K9-28	0.5	14:25	תוך יסע כאוב כהה - אפ	0.025		אין	לא	
K9-28	1	14:28	תוך תרסיס קהיר	0.022		אין	לא	
K9-28	2	14:31	תרסיס תוליה + מצח	0.027		אין	לא	
K9-28	3	14:32	תרסיס שמנה ביצה אחור	0.023		אין	לא	
K9-24	1	14:35	תוך תרסיס כהה	0.027		אין	לא	
K9-24	2	14:38	תרסיס שמנה אחורה	0.022		אין	לא	
K9-24	3	14:42	תרסיס שמנה לחה אחורה	0.027		אין	לא	
K9-24	4	14:46	תרסיס שמנה בצק אחור (בפסקינה)	0.024		אין	לא	
K9-24	5	14:49	תרסיס שמנה בצק אחור בפסקינה	0.028		אין	לא	
K9-24	6	15:01	תרסיס בצבע חום שמנה	0.024		אין	לא	
K9-24	7	15:04	ריכוך ראוך קוב' -לו בצבע!			אין	לא	
K9-24	7.5	15:07	סלע קהיר וכובי	0.022		אין	לא	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
7/14/19	20.0°		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:00	כיול באמצעות גז	97.6	

- בצע הזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: גיל כ"ץ
חתימת הדוגם:
כתובת הארגון: המגינים 53 מושב 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe

שם הלקוח:	אדמונד שפר
שם אתר דיגום:	אביב 213-719 שפר
כתובת האתר:	אביב 213-719 שפר
תאריך הדיגום:	30/3/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 , תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . תחימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בבד. ישולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אדמונד שפר
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות למדרשת הדרישות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נמוכה ☐ בינונית ☐ עכורה ☐

*מס' סידורי רץ (A,B)	משמורת															PID (ppm)	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באמון פגום.	מורכ ב -פ' חנוך -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי בק' הדיגום. ע"פ בקשת מזמין העבודה
					אזאנידים	עופרת	גרגל גריז	פרום 6+	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO							
K1												X		X	0.000			5	9:45	0.5	KQ-3
K2	X														0.018			5	9:46	1.0	KQ-3
K3	X														0.024			5	9:50	2.0	KQ-3
K4														X	0.013			5	9:51	3.0	KQ-3
K5												X		X	0.024			5	9:55	0.5	KQ-5
K6	X														0.020			5	9:56	1.0	KQ-5
K7	X														0.015			5	10:02	2.0	KQ-5
K8										X	X			X	0.015			5.3.1	10:03	3.0	KQ-5
K9												X		X	0.016			5	10:10	0.5	KQ-4
K10	X														0.020			5	10:11	1.0	KQ-4
K11	X														0.030			5	10:14	2.0	KQ-4
K12										X	X			X	0.010			5.3.1	10:16	3.0	KQ-4

עדים לנטילת הדוג'
שם:
חתימה:

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

משודרי KTE
שם המאחסן: _____ מקום אחסון: _____
האזראי על מקום האחסון

חתימת הדוגם _____ . גמסר ע"י: _____
תאריך: 30/3/20 שעה: 16:00

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכת קרקע מזוהמת או החשודה בזיהום רדיגום מהידא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר 2.1 ; צנצנת עם HNO3 ; 3.3 ויילים, 3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כהה 1 ליטר, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה ☐ (הערות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ קוטמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GEOPROBE
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

KTE אושר

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות
מס' הסמכה: 395
שם הדוגם: גיל כהן
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	אקלע בסה
שם אתר דיגום:	שפה ציר- תל אביב
כתובת האתר:	שפה ציר- בין אשקלון
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממוחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הנורה:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אקלע בסה
איש קשר לתשלום: גיל כהן
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דוחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיזות

אין להעתיק חלקים ממופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ ☐ בינ ☐ עמ ☐

זיהוי נק' הדיגום. ע"פ בקשות מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכב ב -מ' חשף -ח'	תעד חריגות: 1. לא נשמרה בממפ' מהאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גרגל גרגר	עפרת	ראונידים				משמורת		*סוג סידורי רץ (A,B)
K9-1	0.5	10:25	5			0.021	X		X													K13
K9-1	1.0	10:26	5			0.059	X															K14
K9-1	0.5	10:31	5			0.019	X		X													K15
K9-1	1.0	10:32	5			0.033	X															K16
K9-23	0.5	11:00	5			0.031	X		X													K17
K9-23	1.0	11:01	5			0.024															X	K18
K9-23	2.0	11:07	5			0.024															X	K19
K9-23	3.0	11:09	5			0.024	X															K20
K9-22	0.5	11:20	5			0.026	X		X													K21
K9-22	1.0	11:21	5			0.029															X	K22
K9-22	2.0	11:24	5			0.024															X	K23
K9-22	2.0	11:26	5			0.024	X															K24

חתימת הדוגם _____ . נמסר ע"י: _____	**משודרי KTE**	התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ שעה: _____	שם המאחסן: _____ מקום אחסון: _____	תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
	האחראי על מקום האחסון	*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום שרימות קרקע מזוהמת או החשודה בזיהום ודיגום מומדא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. ; צנצנת עם HNO_3 ; 3. ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בחסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____

שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ , השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GEOPROBE

תאריך תחילת האחסון: _____ , שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדגם: גיל בן-ארי
חתימת הדגם: _____
כתובת הארגון: המגינים 53 חדרה, 3326
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025 מס' No. 395

שם הלקוח:	אלרון קוד
שם אתר דיגום:	שבא באר 18- בנק דיגה
כתובת האתר:	בנק דיגה
תאריך הדיגום:	מס סקר חוזה: 30/3/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 _ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אלרון קוד
איש קשר לחשלום: שבא באר 18- בנק דיגה
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתמש בחלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נמוכה ☐ בינונית ☐ עם ☐

ע"פ בקשת מזמין העבודה: זיהוי נק' הדיגום.	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב -מ' חשוף -ח'	תעד הערות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	נדיל נדיף	עופרת	אציאנידים				משמורת	*מס סידורי ריק (A,B)
K10-19	0.5	11:38	5			0.021	X		X												K25
K10-19	1.0	11:39	5			0.024														X	K26
K10-19	2.0	11:45	5			0.030														X	K27
K10-19	3.0	11:46	5			0.029														X	K28
K10-19	4.0	11:58	5			0.025	X														K29
K10-18	0.5	12:20	5			0.020														X	K30
K10-18	1.0	12:21	5			0.026	X		X												K31
K10-18	2.0	12:25	5			0.023														X	K32
K10-19	3.0	12:X	5			0.025	X														K33
																					K34
																					K35
																					K36

חתימת הדוגם: _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
באחריות על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריסות קרקע מזוהמת או החשודה בזיהום ודיגום מומדא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לקנייה בתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון הזגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: אביגיל
חתימת הדוגם:
כתובת הארגון: המגינים 53 חדרה 3326
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה

דף 4 מתוך 5

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנכ"ל:

סמן האם סוף דו"ח (√)

סוג מכשיר הקידוח: Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	מקורות בע"מ
שם אתר דיגום:	תחנת דלק ברוש
כתובת האתר:	תל ברוש - ברוש
תאריך הדיגום:	30/3/20 — מס סקור ושוה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 , תפוגת הכיול:23/11/2020	
*התקבל ע"י: , תאריך: , תחימה: , שעה:	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17020:2017
מס' 395 No.

*נדרש ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אקולוג בע"מ — האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא	
איש קשר לתשלום: — האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא	
חברה:	
טלפון:	
הערות לבדיקות הנדרשות: — לשימוש המעבדה האנליטית בלבד	

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: ✓
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להתעלם חלקים ממופס זה ללא אישור המעבדה.
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נזקה משוער מפלס מי תהום: נמ ☐ בינ ☐ עמ ☐

| מס' סידורי ריק (A,B) | משמורת | | |

טופס שרשרת משמורת - COC

ארגון דוגם: ד"ר כ"ן מכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33266
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח: Geoprobe

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible] R - 213 [illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	29/3/20 — מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה: ימולא במקרה שהדגימה נמסרה לארם שאינו נציג המע

שם המשלם: [illegible] — האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] — האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הוראות לבדיקות הנדרשות: — לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת הזיהוי קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נהול רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים ממופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ ☐ בינ ☐ עמ ☐

*מס סידורי רץ (A,B)	משמורת		PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גרגל גרגר	עופרת	ארסניים					תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באפן פגום.	מורכ ב-מ' חמץ -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשות מזמין העבודה
K46			0.025	X		X													5	14:25	0.5	K9-28
K47	X		0.022																5	14:28	1	K9-28
K48	X		0.021																5	14:31	2	K9-28
K49			0.023	X															5	14:33	3	K9-28
K50			0.021	X		X													5	14:35	1	K9-24
K51	X		0.022																5	14:39	2	K9-24
K52	X		0.021																5	14:42	3	K9-24
K53			0.024	X															5	14:46	4	K9-24
K54	X		0.020																5	14:49	5	K9-24
K55			0.024	X															5	15:01	6	K9-24
K56																			5	15:04	7	K9-24
K57			0.022	X															5	15:07	7.5	K9-24

חתימת הדוגם [illegible] . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שריפות קרקע מזוהמת או החשודה בזיהום רדיגום מזוזא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. צנצנת עם HNO3 ; 3.1. ויילים, 3.1. Nacl(תמיסת מלח), 3.2. מתנול. 3.3. קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 6		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: צפה תל אח תאריך דיגום: 7/4/20 שם הדוגם: גיא דוד חתימה:

מס' סקר חוזה: Eco2312.19 ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת התחלת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KB-3	0.5	8:30	חול אחיד עם שכבות	29.5		אין	לח	
KB-3	1.0	8:32	חול חרסיתי עם שכבות	23.4		אין	לח	
KB-3	2.0	8:35	חרסית שמנה - שחורה	16.6		אין	לח	
KB-3	3.0	8:37	חרסית שמנה - אפורה	25.6		אין	לח	
KB-1	0.5	9:45	חרסית - חומה - מעל שמנה	17.1		אין	לח	
KB-1	1.0	9:47	חרסית חולית - כהה	17.4		אין	לח	
KB-1	2.0	9:51	חול חרסיתי כהה רטוב	19.6		אין	לח	
KB-1	3.0	9:52	חרסית שמנה - רטובה - בסיס אפור	18.2		אין	לח	
KB-4	0.5	11:20	חול חרסיתי	10.2		אין	לח	
KB-4	1.0	11:25	חרסית חולית כהה	10.5		אין	לח	
KB-4	2.0	11:26	חול חרסיתי	11.3		אין	לח	
KB-4	3.0	11:30	חרסית שמנה - אחיד	9.5		אין	לח	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
7/4/20	16.1		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
7:00	כיול ב- באויר	0.0	√
8:00	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 6		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה בוקר 18-זשכל תאריך דיגום: 7/4/20 שם הדוגם: מיכן בונקו חתימה: [signature]

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דיגמה[m]	שעת התצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-39	0.5	9:00	חול חרסיתי כהה	11.0		אין	כן	
K15-39	1.0	9:01	חול חרסיתי	20.2		אין	כן	
K15-39	2.0	9:05	חול חרסיתי	22.4		אין	כן	
K15-39	3.0	9:06	חול חרסיתי	11.4	11.3	אין	כן	
K15-39	4.0	9:09	חול חרסיתי	20.4		אין	כן	
K15-39	4.5	9:12	חול חרסיתי	21.3	22.4	אין	כן	
K15-40	0.5	9:20	חול- חרסיתי	11.2		אין	כן	
K15-40	1.0	9:21	חול- חרסיתי- גח.	13.4		אין	כן	
K15-40	2.0	9:25	חול- יקי- כהה אפור	13.2	13.1	אין	כן	
K15-40	3.0	9:26	חול יקי כהה- אפור	11.5		אין	כן	
K15-40	4.0	9:27	חול יקי כהה אפור	12.7	12.5	אין	כן	
K15-40	4.5	9:30	חול יקי כהה	19.7		אין	כן	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/4/24	16.1	19.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	√
8:00	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 6 מתוך 3		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוב- תל אריך תאריך דיגום: 27/4/20 שם הדוגם: אורן כהן חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת התצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K9-13	0.5	10:40	חול בהיר	12.2		אין	יש	
K9-13	1.0	10:41	חול חולית - בהיר	13.5		אין	אין	
K9-13	2.0	10:45	חול חולית בהיר	14.2		אין	אין	
K9-13	3.0	10:46	חול חרסתי - בהיר	12.1		אין	אין	
K9-14	0.5	10:51	חול חרסתי בהיר	10.0		אין	אין	
K9-14	1.0	10:52	חול חולית - בהיר	8.0		אין	אין	
K9-14	2.0	10:57	חול חולית - בהיר	8.5		אין	אין	
K9-14	3.0	10:59	חול חולית - בהיר	9.2		אין	אין	
K9-15	0.5	11:05	חרסית חולית	18.1		אין	אין	
K9-15	1.0	11:10	חרסית חולית	16.5		אין	אין	
K9-15	2.0	11:13	חול חרסי בהיר	17.2		אין	אין	
K9-15	3.0	11:14	חול חולית	11.0		אין	אין	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	16.1	17.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	
8:00	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האוחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025 תקן
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 6 מתוך 41		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דוב- תל אביב תאריך דיגום: 7/4/20 שם הדוגם: א' וגיל חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K9-16	0.5	11:35	חול חרסית מצע מדע	10.2	10.1	אין	כן	
K9-16	1.0	11:36	חול וקל בהיר	18.5		אין	כן	
K9-16	2.0	11:40	חרסית אפרפר	19.4	19.9	אין	כן	
K9-16	3.0	11:45	חול וקל בהיר	28.4	28.1	אין	כן	
K12-3	4.0	11:50	חרסית-אפרפר, לחה-שכבות שחור	13.5	13.6	אין	כן	
K12-3	4.5	11:51	חרסית- אפרפר כהות שחורה	10.2		אין	כן	
K9-3	0.5	12:00	חול חרסית- בהיר	13.4		אין	כן	
K9-3	1.0	12:05	חול חרסית בהיר	14.2		אין	כן	
K9-3	2.0	12:07	חרסית אפרפר-שחורה	19.5		אין	כן	
K9-3	3.0	12:10	חרסית אפרפר-שחורה	17.2		אין	כן	
K7-24	4.0	12:15	חול+ אבני גיר/סלע	10.3		אין	כן	
K7-24	4.5	12:17	חול+אבני גיר/סלע	26.4		אין	כן	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
24/4/20	16.1	17.7	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	
8:00	כיול באמצעות גז	99.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 5 מתוך 6		אושר ע"י: דיר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: [illegible] תאריך דיגום: 7/4/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ . ציוד הקידוח: [illegible]

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת התצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K7-31	4.0	12:25	חול + אבן גיר / סלע	19.1		אין		
K7-31	4.5	12:26	חול + אבן גיר / סלע	20.0		אין		
K7-28	4.0	12:31	חול + אבן גיר / סלע	15.7	15.5	אין		
K7-28	4.5	12:32	חול + אבן גיר / סלע	15.6		אין		
K7-26	4.0	12:40	חול + אבן גיר / סלע	14.6	14.4	אין		
K7-26	4.5	12:41	חול + אבן גיר / סלע	12.3	12.1	אין		
K7-27	4.0	12:46	חול + אבן גיר / סלע	16.0		אין		
K7-27	4.5	12:47	חול + אבן גיר / סלע	19.0	19.0	אין		
K7-25	4.0	12:50	חול + אבן גיר / סלע	22.0		אין		
K7-25	4.5	12:52	חול + אבן גיר / סלע	20.0	19.1	אין		
K7-29	4.0	12:56	חול + אבן גיר / סלע	28.2		אין		
K7-29	4.5	13:00	חול + אבן גיר / סלע	20.5		אין		

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	16.1	18.2	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	√
8:00	כיול באמצעות גז	19.7	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 6 מתוך 6		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה בוקר-חל אזיז תאריך דיגום: 7/6/20 שם הדוגם: ליאן | בוקי חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K7-30	0.0	13:03	חול + אבן גיר וסלע	23.7	23.4	אין	יש	
K7-30	4.5	13:04	חול + אבן גיר וסלע	21.2		אין	יש	
K11-6	0.5	13:10	חול חרסית +	19.4	18.6	אין	יש	
K11-6	1.0	13:11	חול חרסית	21.2		אין	יש	
K11-6	2.0	13:13	חול חרסית	22.4	21.3	אין	יש	
K11-6	3.0	13:16	חול חרסית	11.5		אין	יש	
K12-2	1.0	13:19	חול-לס כהה	19.2	12.4	יש	יש	
K12-2	2.0	13:25	חול לס-כהה	15.5		יש	יש	
K12-2	3.0	13:26	חרסית אפרה	10.5		מעט	יש	
K12-2	4.0	13:27	חרסית שונה-אפרה	9.0		יש	יש	
K12-2	5.0	13:29	חרסית שונה-אפורה	19.1		יש	יש	
K12-2	6.0	13:30	חרסית שונה-אפורה	6.5		יש	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/6/24	16.1	18.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	√
8:08	כיול באמצעות גז	99.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האוחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

טופס שרשרת משמורת - COC

שם הפרויקט:		תאריך הדגימה:	
שם הדוגם:		שם איש הקשר:	
תחנת הדגימה:		כתובת לחשבונית:	
טלפון:		טלפון:	
כתובת הפרויקט:		דוא"ל:	

הוראות מיוחדות

סוג הבדיקה:		תאריך הדגימה:	
שם איש הקשר:		שם הדוגם:	
כתובת הפרויקט:		שם מלא ומספר ת.ז.:	

ISO/IEC 17025 מעבדה מוסמכת

No. 395 מס'

הרשות הלאומית למעבדות

ISRAC

שם הפרויקט:		תאריך הדגימה:	
שם הדוגם:		שם איש הקשר:	
כתובת הפרויקט:		כתובת לחשבונית:	
טלפון:		טלפון:	
דוא"ל:		שם מלא ומספר ת.ז.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: CCTV 19
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה 3326
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה 395

שם הלקוח:	אדוארד רח"א
שם אתר דיגום:	אזה רח
כתובת האתר:	אזה רח- גלי אשכל
תאריך הדיגום:	31/10/20 מס סקר תחזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 , תמונת הכיול:23/11/2020	
*התקבל ע"י: , תאריך: , חתימה: , שעה:	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אדוארד רח"א — האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: גלי אשכל — האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
תברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רשיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ ☐ בי ☐ עמ ☐

דיגוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב -מ' חסף -ת'	תעד חריגות: 1. לא בשמרה בשמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באפן פגום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גרגל גריר	עפרת	ציאנידים				משמורת		*מס סידורי רץ (A,B)
K15-39	0-5	0:00	5			11.0	X		X													N13
K15-39	1-0	0:01	5			20.2																N14
K15-39	2-0	0:05	5			22.9	X			X	X											N15
K15-39	3-0	0:06	5			11.9																N16
K15-39	4-0	0:09	5			20.4																N17
K15-39	4-5	0:12	5			21.3	X			X	X											N18
K15-40	0-5	0:20	6			11.3	X		X													N19
K15-40	1-0	0:21	5			13.4																N20
K15-40	2-0	0:25	5			13.2																N21
K15-40	3-0	0:26	5			11.5																N22
K15-40	4-0	0:27	5			18.9																N23
K15-40	4-5	0:30	5			10.7	X		X													N24

חתימת הדוגם: , נמסר ע"י:
תאריך: , שעה:

משרדי KTE
שם המאחסן: , מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י: , חותמת + חתימה: , שעה:
תאריך: , *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום עריכת קרקע מזוהמת או החשודה בזיהום ודיגום מנדא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1.; צנצנת עם HNO3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וווהו חריגה נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: אהרון רגא
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה:
דף 3 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:Geoprobe-

דוגם מוסמך מעבדה 395

שם הלקוח:	אהרון רגא
שם אתר דיגום:	אזור תע"ש-219 אזור תע"ש-217
כתובת האתר:	
תאריך הדיגום:	7/4/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה:Ev 10.6) T-114310 , תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אהרון רגא האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: אזור תע"ש 219 האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הוראות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דוחפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים ממופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

דיגום נק' הדיגום. ע"פ בקשת מזמין העבודה	שרוול (מטר)	שעת הדיגום	כלי הדיגום	מוזכר ב-כ' חתך -ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	ניקל גרגר	עופרת	צ'איאנידים				משמורת		*מס סידורי רץ (A,B)
K9-13	0.5	10:40	5			17.2	X		X													N25
K9-13	1.0	10:41	5			18.5				X	X											N26
K9-13	2.0	10:45	5			14.2																N27
K9-13	2.2	10:46	5			12.1	X															N28
K9-14	0.5	10:51	5			10.0	X		X													N29
K9-14	1.0	10:52	5			8.0																N30
K9-14	2.0	10:59	5			8.5																N31
K9-14	3.0	10:59	5			9.2	X															N32
K9-15	0.5	11:05	5			13.1	X		X	X	X											N33
K9-15	1.0	11:10	5			16.9																N34
K9-15	2.0	11:13	5			17.2																N35
K9-15	3.0	11:14	5			11.0	X															N36

חתימת הדוגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ ,מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתימת + חתימה: _____ שעה : _____
תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוגי
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שריפות קרקע מזוהמות או החשודה בזיהום רדיגום מורדא"
כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס, תאריך: _____
שם מאשר ד"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ , שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: גיל בן
חתימת הדוגם: Bin
כתובת הארגון: המגינים 53 חיפה 3326543
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@ktc.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 4 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה 395

שם הלקוח:	אדוארדס
שם אתר דגום:	שדה תל שמיר
כתובת האתר:	שדה תל שמיר 18
תאריך הדיגום:	24/6/2020 מס סקר תחזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 , תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*בדה. ימלא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אדוארדס ואם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: גיל בן האם הדגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: ✓
תוצאות המעבדה יועברו בפקס:
רמת זיהויות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , טוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתמש חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

*מס סידורי ריק (A,B)	משמרת			ציאנידים	עפרת	גזל גרגר	כרום 6+	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO	PID (ppm)	תעד חריגות: 1. לא בשמרה בממ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באפן פגום.	סוג חתך ב-כ' -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
N37											X		X	10.2			5	11:35	0.5	K9-16
N38														13.5			5	11:36	1.0	K9-16
N39														19.4			5	11:40	2.0	K9-16
N40									X	X			X	23.4			5	11:45	3.0	K9-16
N41														13.5			5	11:50	4.0	K12-3
N42													X	10.2			5	11:51	4.5	K12-3
N43											X		X	13.4			5	12:00	0.5	K9-3
N44														14.2			5	12:05	1.0	K9-3
N45									X	X				10.5			5	12:07	2.0	K9-3
N46													X	12.2			5	12:10	3.0	K9-3
N47														14.3			5	12:15	4.0	K7-24
N48													X	26.6			5	12:17	4.5	K7-24

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

מושרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עיימות קרקע מזוהמות או החשודה בזיהום ודיגום מומדא"
כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GeoProbe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	7/11/23 מס סקר זיהוי:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 , תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לחשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות המדגמים: לכתובת המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת רגישות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות בדרישות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
גמ☐ בינ☐ עמ☐

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

*מס סידורי רץ (A,B)	משמורת			צ'איאנידים	עפרת	גיבל גרגר	כרום 6+	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO	PID (ppm)	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באפן פגום.	מדרך ב-מ' חטף -מ'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
M49														19.1			5	12:25	4.0	K7-31
N50													X	20.0			5	12:26	4.5	K7-31
N51														15.7			5	12:31	4.0	K7-28
N52													X	15.6			5	12:32	4.5	K7-28
N53														14.6			5	12:40	4.0	K7-26
N54													X	12.3			5	12:41	4.5	K7-26
V55														16.0			5	12:45	4.0	K7-27
V56													X	19.0			5	12:47	4.5	K7-27
N57														22.0			5	12:50	4.0	K7-25
N58													X	20.0			5	12:52	4.5	K7-25
N59														20.2			5	12:56	4.0	K7-27
N60													X	20.5			5	13:00	4.5	K7-27

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה: _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירימות קרקע מזוהמות או החשודה בזיהום ודיגום מומדא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ סכנולוגיות.
מס' הסמכה:395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת וארגון: המגינים 53 חיפה, 3320
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 6 מתוך 6
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה: 395

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	7/4/20 — מס סקר חוזה:
שם איש הקשר:	
יישוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה T-114310(Ev 10.6 . תפוגת הכיול:23/11/2020	
*התקבל ע"י: . תאריך: . חתימה: . שעה:	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר להשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות למדידות הנדרשות: לשכנוע המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ACS
תרצאות המעבדה יועברו במייל:
תרצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רשימות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנבדקו
גובה משוער מפלס מי תהום:
נמ[ ] בי[ ] עמ[ ]

*מס סידורי רק (A,B)	משמורת													PID (ppm)	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל במרק הזמן הדרוש.3.התקבל באפן פגום	מדיד ב-מ' חפף -ת'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשות מזמין העבודה
N61														23.7			5	12:03	4.0	K7-30
N62													X	21.2			5	12:04	4.5	K7-30
N63												X	X	19.6			5	12:10	0.5	K11-6
N64														21.2			5	13:11	1.0	K11-6
N65											X	X		22.4			5	13:13	2.0	K11-6
N66													X	11.5			5	13:19	3.0	K11-6
N67											X	X	X	19.7			5	13:19	4.0	K12-2
N68														15.5			5	13:25	2.0	K12-2
N69														10.5			5	13:26	3.0	K12-2
N70														9.9			5	13:27	4.0	K12-2
N71											X	X	X	19.1			5	13:28	5.0	K12-2
N72													X	6.5			5	13:30	6.0	K12-2

חתימת הדוגם: . נמסר ע"י:
תאריך: שעה:

משרדי KTE
שם המאחסן: .מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י: חותמת + חתימה: שעה :
תאריך: . *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירמות קרקע מזוהמת או החשודה בזיהום ודיגום מורדא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת עם HNO_3 ; 3. ויילים, 3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאהנך:
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) תאריך . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: . שעה: . תאריך סיום האחסון: . שעה: , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 01			
תקף מתאריך: 29/8/2019	מחליף את:	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך _____

נתונים כלליים:
ארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: אייל
חתימת הדוגם:

זיהוי וכתובת אתר הדיגום: שדה דוד- נגב צפוני . תאריך תפוגת כיול מכשיר הביו גז: 27/4/24

מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184

תאריך הדיגום: 20/4/20 שם איש קשר: אייל

מס' סקר חרוזה: _____

שינויים והערות: _____

TO- 15 I ppbv	קריאת PID (בסיום הדיגום)	ואקום in/hg בסיום	שעת סיום	ואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (אינץ' כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
	0.4	3	10:15	28	10:10	V	8	200	7.5-7.3	0.0	1.5	OA01413	15G00126	SG2.8
					~~10:45~~	V	~~8~~	~~200~~	~~7.5-7.2~~		~~1.5~~	~~OA01222~~	~~15G00083~~	~~SG-2.13~~ AB
	0.0	4	12:00	29	11:48	V	8	200	7.5-7.4	0.0	1.5	OA01457	15G00803	SG 2.12
	0.3	3	11:25	29	11:15	V	8	200	7.5-7.2	0.0	1.5	OA01009	15G00177	SG-2.B
	0.0	3	11:40	28	12:30	V	8	200	7.5-7.3	0.0	1.5	OA01530	15G00325	SG-2.6
	0.0	4	13:28	28	13:22	V	8	200	7.5-7.4	0.0	1.5	OA01631	15G00788	SG-2.16
	0.0	4	14:30	29	14:22	V	8	200	7.5-7.3	0.0	1.5	OA02118	15G00037	SG-3.4
	0.0	4	14:51	27	14:48	V	8	200	7.5-7.4	0.0	1.5	OA00953	15G00056	SG-13-19

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____ התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(°C): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

* מעל לחץ ברומטרי של 1025 Hpa -אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק וזמרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
9:12	כיול באוויר	0.0	שם מבצע הכיול:
9:12	כיול באמצעות גז	99.5	חתימת מבצע הכיול:

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להסמכת מעבדות
ISO/IEC מאושרת
No. 395 מס'

KTE Co.
Dr. G. Katz- Technologies & Enterprises

טפסים
מעבדה 395

דוגם מוסמך
מעבדה 395

טופס מס': KTE –F – 1 – SG	**טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים**
מהדורה מס': 01	
תקף מתאריך: 29/8/2019 — מחליף את:	עמוד 1 מתוך 1
נכתב ע"י: אייל שוורץ — חתימה:	
אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:	

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

ארגון הדוגם: ד"ר כ"ץ טכנולוגיות

מס תסמכה: 395

איטרום הקדח בעת ההתקנה

שם הלקוח: [illegible]

כתובת האתר: [illegible] שם איש קשר: [illegible]

מס' סקר:

תאריך ההתקנה: 19/4

שם המתקין: [illegible]

חתימת מתקין:

מספר קדח	קריאת PID - מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	גראם/מלם 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בדוק באמצעות משאבת +מד הואקום (סמן √)	תיאור חתך הקרקע	עומק הגשש במועל (מטר)	שעת סיום התקנה
SG-6	0.4	✓	✓	✓	✓	✓	חול	1.35	12:15
SG-13	0.5	✓	✓	✓	✓	✓	חול	1.90	12:30
SG-8	1.0	✓	✓	✓	✓	✓	חול	1.50	13:00
SG-12	0.2	✓	✓	✓	✓	✓	חול	1.50	13:30
SG-16	0.4	✓	✓	✓	✓	✓	חול	1.50	14:00
SG-19	0.1	✓	✓	✓	✓	✓	חול	1.50	15:00
SG-17									
SG-10	0.2	✓	✓	✓	✓	✓	חול	1.5	
SG-15	0.0	✓	✓	✓	✓	✓	חול	1.5	13:41

נא לסמן את סוג הצנרת שהותקנה בקרקע: צינורית טפלון: ☑, probe tip: ☐, implant "6: ☐, implant "12: ☐, צינורית נילופלם: ☐

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☐ ברצע, ☐ לא ברצע

נא לסמן האם ההתקנה בעשרה תחת הסמכה/לא הסמכה: שלא בהסמכה: ☐ בהסמכת הרשות להסמכת מעבדות. ☑

יש לבדוק את תכולת רטיבות והרכב הקרקע בנקודות הדיגום ע"י שליחת מדגם קרקע למעבדה פיזיקלית או לחילופין קבלת מידע מהיועץ הסביבתי

KTEC Co.
Dr. G. Katz-Technologies & Enterprises

ISRAEL

KTE Co.

Dr. G. Katz- Technologies & Enterprises

KTE-F-SS-2: טופס מס'

29/8/2019 :תאריך קבלת הדגם

01: סוג הדגימה

395 :מספר הדגם

מספר: אלמנט מבטון טרום עם פלדת חיזוק

דגימת יום

שם מעבדה: KTE Co.

כתובת: Dr. G. Katz- Technologies & Enterprises

טלפון:

שם איש קשר: Dr. G. Katz

טלפון:

ARMC-0184 :מס' תעודת בדיקה

12/2019 :תאריך בדיקה

אלמנט מבטון טרום עם פלדת חיזוק – סוג הדגם

מספר הדגם: 395

שם המזמין: Dr. G. Katz- Technologies & Enterprises

שם המפקח: Dr. G. Katz- Technologies & Enterprises

שם הקבלן: Dr. G. Katz- Technologies & Enterprises

שם המתכנן: Dr. G. Katz- Technologies & Enterprises

שם המבצע: Dr. G. Katz- Technologies & Enterprises

מיקום הדגם במבנה: Dr. G. Katz- Technologies & Enterprises

מיקום הדגם בשלד: Dr. G. Katz- Technologies & Enterprises

מיקום הדגם בקומה: Dr. G. Katz- Technologies & Enterprises

**מיקום הדגם בחלל

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הרשות הלאומית להסמכת מעבדות
ISO/IEC
No. 395 מס'

דוגם מוסמך 395 מעבדה

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 4		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: שדה תל-אלון תאריך דיגום: 26/4/20 שם הדוגם: עידן פוגלס חתימה:

מס' סקר חוזה: Ecc23121 ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-21	0.5	11:45	חול שפה כהה-דיונה מעל חול	5.7		אין	קל	
K15-24	1.0	11:46	חול שפה-כהה- מעל חול	5.6		אין	קל	
K15-24	2.0	11:51	חול שפה כהה מעל חול	3.7		אין	קל	
K15-24	3.0	11:53	חול שפה -כהה-מעל חול	2.6		אין	קל	
K15-31	4.0	12:00	חול שפה-שמנת רטוב- מעל אבנים	4.2		אין	קל	
K15-31	5.0	12:01	חול שפה-בהיר רטוב- מעל אבנים	8.7		אין	קל	
K15-31	6.0	12:02	חול בהיר רטוב- אבנים בחומת	10.1		אין	קל	
K15-40	4.0	12:08	חול שפה רטוב-בהיר	9.9		אין	קל	
K15-40	5.0	12:09	חול שפה רטוב-בהיר	16.0		אין	קל	
K15-40	6.0	12:11	חול, אבנים.	12.0		אין	קל	
K15-8	0.5	12:25	חול - שחור	7.8		אין	מעט	
K15-8	1.0	12:26	חול - בהיר עם אבנים בחומת	9.2		אין	מעט	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	18.4	19.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	
8:00	כיול באמצעות גז	97.6	√

- בצע חזרה ומצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
למסמכות מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 4 מתוך 8		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: [illegible] תאריך דיגום: 26/6/20 שם הדוגם: [illegible] חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: [illegible]

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K2-7	2.5	12:30	חול יפו- צהוב	10.9		לא	כן	
K2-8	3.0	12:31	חרסית שונה - שחורה - אפר חילית	8.5		לא	לא	
K2-9	0.5	12:36	חול-צהוב	10.8		לא	לא	
K2-9	1.0	12:37	חול - צהוב	12.1		לא	לא	
K2-9	2.0	12:42	חול - צהוב	1.4		לא	לא	
K2-9	3.0	12:43	חרסית שונה. שחורה.	1.2		לא	לא	
K2-10	0.5	12:47	חול חרסית. - אפר שונה.	3.2		לא	לא	
K2-10	1.0	12:48	חול חרסית.	3.1		לא	לא	
K2-10	2.0	12:51	חול חרסית.	4.0		לא	לא	
K2-10	3.0	12:53	חרסית שונה	6.5		לא	לא	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
24/9/20	18.4	19.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	√
8:00	כיול באמצעות גז	97.6	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האוחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 3		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה-דב 10' אשכול תאריך דיגום: 26/4/20 שם הדוגם: אייל דוידי חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K2-11	0.5	12:30	חול - כהה	0.7		אין	יש	
K2-11	1.0	12:32	חול - כהה	0.8		אין	יש	
K2-11	2.0	12:34	חול - כהה	0.3		אין	יש	
K2-11	3.0	12:36	חרסית שמנה	1.2		אין	יש	
K2-12	0.5	12:40	חול מעט חרסית אספלט	1.0		אין	יש	
K2-12	1.0	12:42	חול מעט חרסית	4.8		אין	יש	
K2-12	2.0	12:45	חול חרסיתי	1.2		אין	יש	
K2-12	3.0	12:47	חרסית שמנה	2.7		אין	יש	
K2-13	0.5	12:50	חומר מילוי אספלט	1.8		אין	יש	
K2-13	1.0	12:52	חרסית מעט חול	2.4		אין	יש	
K2-13	2.0	12:55	חול כהה	0.8		אין	יש	
K2-13	3.0	12:57	חול כהה	1.4		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
22/4/24	18.4	19.2	0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
07:00	כיול ב- באויר	0.0	√
07:05	כיול באמצעות גז	97.6	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 4 מתוך 4		אושר ע"י: דייר גיל כייץ, מנכ"ל	חתימה:

שם האתר: שדה בוקר לוי אשכול תאריך דיגום: 26/4 שם הדוגם: מיכן קרוים חתימה: [illegible]

מס' סקר חוזה: _____ . ציוד הקידוח: _____

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K2-5	0.5	13:00	חול גרוס	2.2		אין	יש	
K2-5	1.0	13:02	חול מדיום	1.5		אין	יש	
K2-5	2.0	13:05	חול גרוס	2.0	1.9	אין	יש	
K2-5	3.0	13:07	חרסית שמנה וסומנית	0.9		אין	יש	
K2-6	0.5	13:10	חול ים רטוב	0.8	0.7	אין	יש	
K2-6	1.0	13:12	חול ים רטוב	1.2	1.1	אין	יש	
K2-6	2.0	13:15	חרסית שמנה	0.4		אין	יש	
K2-6	3.0	13:17	חרסית שמנה	1.2	1.4	אין	יש	
K2-7	0.5	13:20	חומר אילו חול	0.4		אין	יש	
K2-7	1.0	13:22	חול ים רטוב	1.4		אין	יש	
K2-7	2.0	13:24	חול ים רטוב	1.6	1.8	אין	יש	
K2-7	3.0	13:26	חרסית שמנה וקונגלומרט	2.3		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	19.4	19.2	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:00	כיול ב- באויר	0.0	√
8:00	כיול באמצעות גז	97.6	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה:: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 זכרון יעקב, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

KTE-122-20

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 4
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

5

שם הלקוח:	[illegible]
שם אחר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	GCo 23/4/19 — מס סקר מחה: 2464129
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלוח: [illegible]	האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible]	האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:	
טלפון:	לשימוש המעבדה האנליטית בלבד
הערות לבדיקות הנדרשות:	

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דוחפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נהלי גיל.
בדיקות נדרשות + % רטיבות

אין להעתיק הלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
גמ☐ בינ☐ עמ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מזרק ב-כ' חנוך -ח'	תעד תריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גרגל גרגר	עפרת	אסבסט			משמורת	*מס סידורי רץ (A,B)
K15-24	0.5	11:45	5			5.7	X		X											01
K15-24	1.0	11:46	5			5.6													+	02
K15-24	2.0	11:51	5			3.7													+	03
K15-24	3.0	11:53	5			2.6	X												+	04
K15-39	4.0	12:00	5			4.2													+	05
K15-39	5.0	12:01	5			2.7													+	06
K15-39	6.0	12:02	5			10.1	X													07
K15-40	4.0	12:09	5			8.9													+	08
K15-40	5.0	12:10	5			16.0													+	09
K15-40	6.0	12:11	5			10.0	X													010
K15-1	0.5	12:25	5			7.8	X		X											011
K15-1	1.0	12:26	5			8.2													+	012

חתימת הדוגם: _____ נמסר ע"י: _____
תאריך: 1/1/... שעה: 12/4/...

משרדי KTE
שם המאחסן: [illegible] מקום אחסון: [illegible]
האחראי על מקום האחסון

התקבל במעבדה ע"י: _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עזים לנטילת הדוג
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם לתקנות המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירמות קרקע מזוהמת או החשודה בזיהום ודיגום מוידא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. ; צנצנת עם HNO3 ; 3.1. ויילים, 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כהה 1 ליטר. 7. בקבוק זכוכית חום כהה 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____
נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: _____ (חתימה+ חותמת) תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

KTE אחמ

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ין טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: _____
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חספין. 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@ktc.co.il

דגימות קרקע – תיעוד קריטריות אנליזה
דף 2 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) _____
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה: 395

שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר _____	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול: 23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלח: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לקידוח המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיזות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משקעי מפלס מי תהום: נמ☐ בינ☐ עמ☐

שם נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב -מ' חנוך -ח'	תיאור חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר	עפרת	אזבסט			משמורת	מס' סידורי רץ (A,B)
K1-9	2.0	12:30	5			10.9													X	013
K1-8	2.0	12:31	5			8.5	X													014
K1-7	0.5	12:36	5			10.8	X		X											015
K2-9	1.0	12:37	5			12.1													X	016
K2-9	2.0	12:42	5			1.4													X	017
K2-9	3.0	12:43	5			1.2	X													018
K2-10	0.5	12:47	5			3.2	X		X											019
K2-10	1.0	12:48	5			3.1													X	020
K2-10	2.0	12:51	5			4.0													X	021
K2-10	3.0	12:53	5			6.5	X		X	X										022
FB																				

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ .בתאריך + חתימת _____ שעה : _____
תאריך: _____ . *העד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המפורטות ביותר של המשרד להגנת הסביבה "הנחיות מקצרעיות לביצוע סקר קרקע", "הנחיות מקצרעיות לחטירה, דיגום שרימות קרקע מזרהמת או התשורדה בזיהום דיגום מורדא"

כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1.: צנצנת עם HNO3 ; 3.1.ויילים,3.1.: Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות/לא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GEOPROBE
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 4
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) _____
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	
שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	מס סקר חוזה: 26/4/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 , תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

*בדה. יסולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: [illegible] האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____ לשימוש המעבדה האנליטית בלבד
הערות לבדיקות הנדרשות: _____

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רשת דוחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיונות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה.
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נדגם: עם ☐ בינ ☐ עם ☐

דיתוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב -מ' חנף -ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או מומל בפרק הזמן הדרוש.3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גידל גרגר	עופרת	ציאנידים			משמורת		*מס סידורי דין (A,B)
[illegible]																					023
[illegible]	0.5	12:30	5			0.7	X		X											+	024
[illegible]	1.0	12:37	5			0.8														+	025
[illegible]	2.0	12:34	5			0.3															026
[illegible]	3.0	12:36	5			7.2	X													X	027
[illegible]	0.5	12:40	5			7.6			7.24												028
[illegible]	1.0	12:42	5			4.8	X		X											+	029
[illegible]	2.0	12:43	5			1.7															030
[illegible]	3.0	12:44	5			2.7	X													X	031
[illegible]	0.5	12:50	5			1.8			7.22												032
[illegible]	1.0	12:52	5			2.4	X		X											+	033
[illegible]	2.0	12:55	5			0.8															034
[illegible]	3.0	12:57	5			1.4	✓														

חתימת הדוגם _____ , נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ , *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריסות קרקע מזוהמת אך החשודה בזיהום ודיגום מודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3. ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

הא לסמן האם הדיגום נעשה בהסמכה: ☐ כן, ☐ לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות הא לסמן: _____ , הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת : (חותמת+ חותמת) _____ תאריך _____ . חשיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ארגון דיגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדיגם: מיקן דוכן
חתימת הדיגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דף 1 מתוך 1
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) ✓
סוג מכשיר הקידוח: Geoprobe

דוגם מוסמך מעבדה: 395

6

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם אתר דיגום:	
כתובת האתר:	
תאריך הדיגום:	26/4/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
סוג PID (סוג הנורה Ev 10.6):T-114310 . תפוגת הכיול:23/11/2020	
*התקבל ע"י: . תאריך: . התימה: . שעה:	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציוד המע

שם המשלם: אקולוג ישראל האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: גיל כץ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הוראות לחשבונית מהנדשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דוחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להתעלק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גבוה משהוא מפלס מי תהום: נמ ☐ בי ☐ עמ ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	שרטוט (מטר)	עומק הדיגום	כלי הדיגום	מודד ב-מ' חוץ -ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר	עפרת	ציאנידים				משמורת		*מס סידורי רץ (A,B)
✓	0.5	13:00	5			2.2	X		+													
	1.0	13:02	5			1.5															X	
	2.0	13:05	5			2.0															X	
✓	3.0	13:07	5			0.0	X															
✓	0.5	13:10	5			0.3	X		+													
	1.0	13:12	5			1.2															X	
	2.0	13:15	5			0.4															X	
✓	3.0	13:17	5			1.2	X															
	0.5	13:20	5			0.4															X	
✓	1.0	13:22	5			1.4	X		+													
	2.0	13:24	5			1.6															X	
✓	2.0	13:26	5			2.3	X															

חתימת הדיגום: . נמסר ע"י:
תאריך: שעה:

משרדי KTE
שם המאחסן: .מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י: חותמת + חתימה שעה :
תאריך: . *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוגמ
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ משונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחסידה, דיגום עריכות קרקע מזוהמות או החשודה בזיהום רדיגום מומדא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. ; צנצנת עם HNO3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול, 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום:

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך:
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) תאריך . חשיטה דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: . שעה: . תאריך סיום האחסון: . שעה: , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025 תקן
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 02		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שפה דב לוי איזנברג תאריך דיגום: 27/1/2020 שם הדוגם: עידן פוקס חתימה:

מס' סקר חוזה: EC0231L19 . ציוד הקידוח: geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K2-1	0.5	12:45	חול חרסית	13.9		אין	אין	
K2-1	1.0	12:46	חול חרסית	14.0		אין	אין	
K2-1	2.0	12:50	חול חרסית	3.6		אין	אין	
K2-1	3.0	12:51	חרסית שחלה	7.1		אין	אין	
K2-2	0.5	13:00	חול חרסית	14.3		אין	אין	
K2-2	1.0	13:02	חול חרסית	16.8		אין	אין	
K2-2	2.0	13:05	חול חרסית	15.7		אין	אין	
K2-2	3.0	13:07	חרסית שחלה	12.7		אין	אין	
K2-3	0.5	13:11	חול ים רוב	8.0		אין	אין	
K2-3	1.0	13:13	חול ים רוב	11.7		אין	אין	
K2-3	2.0	13:16	חול ים רוב	13		אין	אין	
K2-3	3.0	13:19	חרסית שחלה	3.6		אין	אין	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח המתוח PIDתעד קריאת
27/1/2024	19.2°C		0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
12:30	כיול ב- באוויר	0.0	√
12:30	כיול באמצעות גז	95.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 02		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שפה בר לוי אשכול תאריך דיגום: 27412020 שם הדוגם: עידן שלו חתימה:

מס' טקר חוזה: _____ ציוד הקידוח: geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K2-4	0.5	13:20	חול יבש רטיב	2.3		אין	לא	
K2-4	1.0	13:21	חול יבש רטיב	12.8		אין	לא	
K2-4	2.0	13:23	חול יבש רטיב	8.6		אין	לא	
K2-4	3.0	13:25	חרסית שונה	16.3		אין	לא	
K2-76	0.5	13:27	חול יבש רטיב	11.2		אין	לא	
K2-76	1.0	13:28	חול יבש רטיב	7.3		אין	לא	
K2-76	2.0	13:30	חול יבש רטיב	14.2		אין	לא	
K2-76	3.0	13:32	חרסית שונה	~~10.7~~		אין	לא	
K2-77	0.5	13:34	חול יבש רטיב	18.0		אין	לא	
K2-77	1.0	13:34	חול יבש רטיב	8.8		אין	לא	
K2-77	2.0	13:36	חול יבש רטיב	12.5		אין	לא	
K2-77	3.0	13:38	חרסית שונה	12.6		אין	לא	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/12/2026	19.5		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
12:30	כיול ב- באויר	0.0	√
12:30	כיול באמצעות גז	95.5	

- בצע חזרה ומצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבצנת זכוכית/ צבצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 3 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שפה בב לוי אשכול תאריך דיגום: 26/06/2019 שם הדוגם: עידן חתימה: עידן

מס' סקר חוזה: _____ ציוד הקידוח: geoprobe

שם הקידוח ומיקומו	עומק דוגמת [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K2-15	0.5	13:50	חול ים ראש	14.2		אין	לח יבש	
K-2-15	1.0	13:51	חול ים ראש	15.0		אין	יבש	
K2-15	2.0	13:53	חול ים ראש	18.1		אין	יבש	
K2-15	3.0	13:55	חרסית שחורה	15.0		אין	יבש	
K2-16	0.5	13:57	חול ים ראש	13.7		אין	יבש	
K2-16	1.0	13:59	חול חרסית ראש	16.2		אין	יבש	
K2-16	2.0	14:00	חול ים ראש	15.1		אין	יבש	
K2-16	3.0	14:01	חרסית חולית	14.1		אין	יבש	
K2-19	0.5	14:03	חול ים ראש עם חרסית	16.7		אין	לח	
K2-19	1.0	14:05	חול ים ראש עם חרסית	12.02		אין	יבש	
K2-19	2.0	14:07	חול ים	14.04		אין	יבש	
K2-19	3.0	14:09	חרסית שחור מתפוררת	11.01		אין	יבש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
12:30	כיול ב- באויר	0.0	√
12:30	כיול באמצעות גז	95.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: [illegible] תאריך דיגום: 27/4/2020 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ . ציוד הקידוח: geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID(ppm)	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K-2-20	0.5	14:11	חול ים רוב	2.5		אין	יש	
K2-20	1.0	14:12	חול ים רוב	11.1		אין	יש	
K2-20	2.0	14:14	חול ים רוב	8.2		אין	יש	
K2-20	3.0	14:18	חסיג שנהב	10.5		אין	יש	
K-22-1	0.5	14:19	חל ים רוב	9.7		אין	יש	
K2-21	1.0	14:21	חול ים רוב	12.1		אין	יש	
K2-21	2.0	14:22	חול ים רוב	7.6		אין	יש	
K2-21	3.0	14:25	חסיג שנהב	6.1		אין	יש	
K2-22	0.5	14:28	חול חסיגי	15.6		אין	יש	
K2-22	1.0	14:29	חול חסיגי	13.7		אין	יש	
K2-22	2.0	14:31	חול חסיגי	7.2		אין	יש	
K2-22	3.0	14:33	חול סלעי רס	11.2		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
12:30	כיול ב- באויר	00	
12:30	כיול באמצעות גז	95.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
למסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 02			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 5 מתוך 5		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דב לוי איכוד תאריך דיגום: 27/4/2020 שם הדוגם: עידן בוזגלו חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K2-1	0.5	14:35	חול חרסית ± גרוגרת שחורה	12.04		אין	יש	
K2-1	1.0	14:36	חרסית שחורה חולית	15.6		אין	יש	
K2-1	2.0	14:38	חרסית עתיר חצץ	16.1		אין	יש	
K2-1	3.0	15:00	אבן חול בהירה	15.8		אין	יש	
K2-2	0.5	15:02	חול חרסיתי כהה	14.06		אין	יש	
K2-2	1.0	15:04	חרסית חולית שחורה	16.3		אין	יש	
K2-2	2.0	15:06	חרסית שחורה	8.6		אין	יש	
K2-2	3.0	15:07	אבן חול בהירה	9.8		אין	יש	
K2-2	4.0	15:08	אבן חול בהירה כהה	7.1		אין	יש	
K2-2	4.5	15:11	אבן חול בהירה כהה	19.7		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח המתוח PIDתעד קריאת

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
12:30	כיול ב- באויר	0.0	√
12:30	כיול באמצעות גז	95.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבצנת זכוכית/ צבצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה:395
שם הדגם: [illegible]
חתימת הדגם: [illegible]
כתובת וארגון: המגלים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך 395 מעבדה

ISRAC הרשות הלאומית להסמכת מעבדות ISO/IEC 17025:2017 מס' 395 No.

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום: 27/4/2020	מס סקר חוזה: [illegible]
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 . תפוגת הכיול:23/11/2020	
*התקבל ע"י: ___ . תאריך: ___ . חתימה: ___ . שעה: ___	

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] 27/4/20 האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר להשלום: ___ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: ___
טלפון: ___
הערות לבדיקות ודגרשות: ___ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: ___
תוצאות המעבדה יועברו בפקס: ___
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל שגיל.
בדיקות נדרשות + % רשיבות

אין להשתמש בחלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנבדקו
גובה משוער ממפלס מי תהום:
נמ☐ בינ☐ עמ☐

זיהוי בק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדרך ב-פ' חנוך -ח'	תעד תריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גדל גרגר	עופרת	ציאנידים				משטורת		*מס סידורי רץ (A,B)
KJ-1	0.5	12:45	5			13.9	X		X													
KJ-1	1.0	12:46	5			14.0															X	
KJ-1	2.0	12:50	5			3.0															X	
KJ-1	3.0	12:51	5			2.1	X															
KJ-2	0.5	13:00	5			14.3	X		X													
KJ-2	1.0	13:02	5			16.8															X	
KJ-2	2.0	13:05	5			15.7															X	
KJ-2	3.0	13:07	5			12.7	X															
KJ-3	0.5	13:11	5			8.9	X		X													
KJ-3	1.0	13:13	5			11.7															X	
KJ-3	2.0	13:16	5			13															X	
KJ-3	3.0	13:17	5			3.6	X															

חתימת הדגם [illegible] . נמסר ע"י: ___
תאריך: 27/4/20 שעה: 16:00

משרדי KTE
שם המאחסן: [illegible] .מקום אחסון: [illegible]
האחראי על מקום האחסון

התקבל במעבדה ע"י ___ חותמת + חתימה ___ שעה : ___
תאריך: ___ . *תעד טמפ' בעת קבלה במעבדה:- ___
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירימת קרקע מזוהמת או החשודה בזיהום ודיגום מובדא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.וויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: ___

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: ___ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: ___
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) ___ תאריך ___ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: 27/4/20 . שעה: ___ . תאריך סיום האחסון: 29/4/20 . שעה: ___ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה:395
שם הדוגם: גיל
חתימה הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך 395 מעבדה

דגימות קרקע – תיעוד הדרישות אנליזה
דף 2 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	אקולוג בע"מ
שם אתר דיגום:	שדה דוב נ' אשכול
כתובת האתר:	שדה דוב נ' אשכול
תאריך הדיגום:	מס סקר חיזוי:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , תחימה: _____ , שעה: _____	

ISRAC הרשות הלאומית להסמכת מעבדות ISO/IEC 17025:2017 No. 395 מס'

*בה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם:	האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום:	האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:	
טלפון:	לשימוש המעבדה האנליטית בלבד
הערות לבדיקות הנדרשות	

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , טיהול רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק הלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

ע"פ בקשת מזמין העבודה	שם הדיגום	שעת הדיגום	כלי הדיגום	מדרג ב-מ' חנוך -ח'	הערה חריגות: 1. לא בשמרה בסמך מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר	עפרת	צ'יאנידים				משמורת		*מס סידורי רץ (A,B)
K2-4	0.5	13:10	5			9.3	X		X												X	
K2-4	1.0	13:11	5			11.5															X	
K2-4	2.0	13:13	5			8.6																
K2-4	3.0	13:15	5			16.3	X															
K2-16	0.5	13:20	5			11.7	X		X												X	
K2-16	1.0	13:28	5			7.3															X	
K2-16	2.0	13:30	5			14.9																
K2-16	3.0	13:33	5			13.7	X															
K2-17	0.5	13:33	5			18.8	X		X	X	X	X									X	
K2-17	1.0	13:34	5			8.8															X	
K2-17	2.0	13:36	5			12.5																
K2-17	3.0	13:38	5			12.6	X															

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מומדא"

כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1.: צנצנת עם HNO_3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כתה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

לא לסמן האם הדיגום נעשה בחסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ז"ר כ"ן טכנולוגיות.
מס' הסמכה::395
שם הדוגם: גיל וויזל
חתימת הדוגם: [signature]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:Geoprobe-

דוגם מוסמך
395 מעבדה

שם הלקוח:	אדמונד כהן
שם אתר דיגום:	שדה עם לי אשלים
כתובת האתר:	שדה עם לי אשלים
תאריך הדיגום:	23/11/2020 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 . תפוגת הבייל:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם:	האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום:	האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:	
טלפון:	
הערות לבדיקות הנדרשות:	לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער ממפלס מי תהום:
נמ☐ בי☐ עמ☐

ע"י בקשות מזמין העבודה	זיהוי נק' הדיגום.	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדרך ב-מ' חתף -ח'	תעד חריגות: 1. לא בשמירה בטפל מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באמון פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום +6	גרגל גרגר	עופרת	צינאנידים			משמורת		*מס סידורי רץ (A,B)
KJ-75		0.5	13:50	5			14.2	X		X										X	
KJ-75		1.0	13:51	5			15.0														
KJ-75		2.0	13:53	5			18.1	X			•										
KJ-75		3.0	13:54	5			15.0	X													
KJ-75		0.5	13:57	5			13.7	X		X										X	
KJ-75		1.0	13:58	5			16.2													X	
KJ-75		2.0	14:00	5			15.1														
KJ-75		3.0	14:01	5			14.1	X													
KJ-12		0.5	14:02	5			16.7	X		X										X	
KJ-12		1.0	14:05	5			12.02													X	
KJ-12		2.0	14:06	5			14.04														
KJ-12		3.0	14:[illegible]	5			11.0	X													

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוגי
שם:
חתימה:

תנאים ממראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום ערימות קרקע מזוהמות או החשודה בזיהום ודיגום מוודא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3. ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול, 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה::395
שם הדוגם: גיל כ"ץ
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	אקולוג בע"מ
שם אתר דגימה:	שפה 23 לוד אסכו
כתובת האתר:	שפה 23 לוד אסכו
תאריך הדגימה:	מס סקר חוזה: 27042020
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הביול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ , שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*כדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: _____ והאם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
מלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להתייחס חלקים מטופס זה ללא אישור המעבדה:
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער ממלם מי תהום:
נמ☐ בי☐ עמ☐

זיהוי נק' הדיגום, ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדיה ב-מ' חתוך -ח'	תעד חריגות: 1. לא נשמרה בממפ' מהאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באמון פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גרגל גרגר	עפרת	אזבסטים				משמורת		*מס סידורי רץ (A,B)
K-2-10	0.5	14:11	5			9.5	X		X													
K2-20	1.0	14:12	5			11.1															X	
K2-20	2.0	14:14	5			8.2															X	
K2-20	3.0	14:16	5			10.0	X															
K2-21	0.5	14:19	5			9.7	X		X													
K2-21	1.0	14:21	5			12.1															X	
K2-21	2.0	14:23	5			7.6															X	
K2-21	3.0	14:24	5			6.4	X															
K2-22	0.5	14:28	5			15.6	X		X		X?											
K2-22	1.0	14:29	5			13.7															X	
K2-22	2.0	14:31	5			7.2															X	
K2-22	3.0	14:32	5			11.2	X															

חתימת הדוגם: _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריסות קרקע מזוהמת או החשודה בזיהום ודיגום מודאג"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. ; צנצנת עם HNO_3 ,3.וויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד לקע"ס מתאריך _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ , שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ ס

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה::395
שם הדוגם: גיל
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√): √
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	אדמות בע"מ
שם אתר דיגום:	שדה דב לי אשל
כתובת האתר:	שדה דב לי אשל
תאריך הדיגום:	27/10/2020 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 . תפוגת הכיול:23/11/2020	
*התקבל ע"י: . תאריך: . חתימה: . שעה:	

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אדמות האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות למדריכות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גרבה משוער מפלס מי תהום: נמ עם בינ

זיהוי נק' הדיגום. ע"פ בקשות מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	סוג ב-מ' חנוך -ח'	תגד תריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גרגל גרגר	עופרת	צ'יאנידים				משמורת		*מס סידורי רץ (A,B)
KJ-11	0.5	14:35	5			12.4	X		X													
KJ-14	1.0	14:36	5			15.6															X	
KJ-11	2.0	14:38	5			16.0					X										X	
KJ-16	3.0	15:00	5			15.8	X															
KJ-23	0.5	15:01	5			14.01	X		X													
KJ-23	1.0	15:01	5			16.3															X	
KJ-23	2.0	15:06	5			8.6															X	
KJ-23	3.0	15:07	5			9.8															X	
KJ-23	4.0	15:09	5			7.1															X	
KJ-23	4.5	15:11	5			10.7	X				X	X										
FB								X	X		X											
FB											X											

חתימת הדוגם . נמסר ע"י:
תאריך: שעה:

משוריד KTE
שם המאחסן: .מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י: .חותמת + חתימה שעה:
תאריך: . *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום שיימות קרקע מזוהמת או החשודה בזיהום ודיגום מורדא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול, 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום:

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך:
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) תאריך השיטה : דיגום קרקע/ דיגום מערוס/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: geoprobe
תאריך תחילת האחסון: . שעה: . תאריך סיום האחסון: . שעה: , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע
מהדורה מס': 02		
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 1		אושר ע"י: דיר גיל כייץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי

דף 1 מתוך 1

נתונים כלליים:
ארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: [illegible] . תאריך תפוגת כיול מכשיר הביו גז: 27/11/24

מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 — מס' מכשיר ביוגז: ARMC-0184

תאריך הדיגום: 12/6/20 — שם איש קשר: [illegible]

מס' סקר חוזה: [illegible]

שינויים והערות:

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (איטי/ כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	ואקום in/hg בהתחלה	שעת סיום	ואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO- 15 1 ppbv
SG-5-19	15C00426	0A00804	1.5	0.3	7.5-7.4	200	10	✓	10:52	30	11:01	3	0.1	
SG-5-4	15C00966	0A00756	1.5	0.4	7.5-7.3	200	10	✓	11:25	29	11:35	3	0.2	
SG-5-13	15C00344	0A01724	1.5	0.2	7.5-7.4	200	10	✓	11:50	30	12:00	4	0.3	
SG-6-1	15C00796	0A00252	1.5	0.4	7.5-7.4	200	10	✓	12:35	29	12:45	3	0.1	
SG-5-9	15C00897	0A01017	1.5	0.3	7.5-7.5	200	10	✓	13:06	30	13:16	4	0.4	
SG-7-17	15C00734	0A00613	1.5	0.4	7.5-7.4	200	10	✓	13:32	30	13:49	3	0.1	
SG-7-22	15C00899	0A01683	1.5	0.3	7.5-7.3	200	10	✓	14:00	30	14:08	4	0.3	

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) [illegible] תאריך: 12/5/20 שעה: 9:45

התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכת: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(°C): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- מעל לחץ ברומטרי של 1013 Hpa –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
10:00	כיול באויר	0.0	שם מבצע הכיול:
10:00	כיול באמצעות גז	93.5	חתימת מבצע הכיול:

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE-F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: [illegible] תאריך דיגום: 16/10 שם הדוגם: מיקי קוטלר חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K1-27	0.5	09:59	חרסית שאינה מאפשרת מעבר מים + מילוי	5.9		אין	אין	
K1-27	1.0	10:00	חול בגוון + אפור בהיר לחלוטין (בגובה קרקע)	1.3		אין	אין	הפסקת קידוח
K1-1	0.5	10:05	חרסית שאינה מאפשרת מעבר מים	2.5		אין	אין	
K1-1	1.0	10:06		14.9		אין	אין	
K1-1	2.0	10:12	חול בגוון אפור לחלוטין ומכיל אבנים	7.1		אין	אין	
K1-1	3.0	10:13	חול בגוון אפור לחלוטין ומכיל אבנים	7.8		אין	אין	
K1-2	0.3	10:22	חול בגוון + אפור בהיר, ריח אופייני	12.5		אין	אין	
K1-2	1.0	10:23	חול בגוון + אפור, ללא ריח אופייני	4.9		אין	אין	
K1-2	2.0	10:28	חול בגוון + אפור בהיר (בערך) ללא ריח אופייני	14.1		אין	אין	
K1-2	3.0	10:29	חול בגוון + אפור בהיר (בערך) ללא אופייני	9.8		אין	אין	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/26	27.0		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: 195184 תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:35	כיול ב- באויר	0.0	
9:35	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
למסמכת מעבדות
ISO/IEC 17025
No. 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 03		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 5		אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דק תאריך דיגום: 8/6/20 שם הדוגם: מיקי קרשי חתימה:

מס' סקר חוזה: ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K1-4	0.5	10:52	חרסית שאינה כהה מאוד חולית	8.1		אין	יש	
K1-4	1.0	10:53	חרסית שאינה כהה, לחה	11.3		אין	יש	
K1-4	2.0	10:56	חרסית שאינה מאוד, בקצה חול כה	12.8		אין	יש	
K1-4	3.0	10:57	חרסית שאינה מאוד בקצה חול מזה	10.5		אין	יש	
K1-3	0.5	11:01	חול לח מאוד, בקצה כהה	8.0		אין	יש	
K1-3	1.0	11:02	חול לח מאוד, בקצה כהה	5.1		אין	יש	אין ריח
K1-3	2.0	11:04	חרסית שאינה מאוד [redacted] בקצה חול כהה	6.0		אין	יש	
K1-3	3.0	11:05	חרסית שאינה מאוד [redacted] בקצה חול כהה	8.2		אין	יש	
K1-31	0.5	11:26	חול בהיר, לח מאוד ללא ריח	4.2		אין	יש	
K1-31	1.0	11:27	חול חרסיתי, בקצה חלק [redacted] בהה	8.0		אין	יש	
K1-31	2.0	11:28	חרסית שאינה מאוד חולית, לחה מאוד, בקצה [redacted]	4.2		אין	יש	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	27.0		0-0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: תאריך ביצוע הכיול: , שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:25	כיול ב- באויר	0.0	√
9:35	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025 :תקן
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
KTE –F20 :טופס מס'		טופס: בדיקת ממצאי שדה
03 :מהדורה מס'		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 3 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: [illegible] תאריך דיגום: 8/6/20 שם הדוגם: מיכן קוטלר חתימה: [signature]

מס' סקר חוזה: _____ . ציוד הקידוח: _____

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K1-18	0.5	11:47	חומר מילוי בגיר	1.2		אין	יבש	
K1-18	1.0	11:48	חול, בגוון חום בהיר עם מעט	4.5	4.6	אין	יבש	
K1-18	2.0	11:51	חרסית שמנה בגוון חום כהה	3.6		אין	יבש	
K1-18	3.0	11:52	חרסית שמנה מעורב, בקוון חום כהה	7.1	7.2	אין	יבש	
K1-11	0.5	12:39	אדמת מילוי בהיר יחסית, מעורב	1.7		יש	יבש	
K1-11	1.0	12:40	חרסית שמנה מעורב בקוון חום כהה	2.6	2.6	אין	יבש	
K1-11	2.0	12:43	חרסית שמנה בקוון חום, מעט חלוקית	3.8		אין	יבש	
K1-11	3.0	12:44	חרסית שמנה בקוון חום, מעט חלוקית	4.2	4.6	אין	יבש	
K15-54	0.5	14:15	חול חרסיני, חום בהיר	1.9		אין	יבש	
K15-54	1.0	14:16	חול חרסיני, חום בהיר (משקע)	6.9		יש	יבש	ריח בנזין
K15-54	2.0	14:18	חול חרסיני, מעט חומר אלוי-בהיר	5.5		יש	יבש	
	3.0	14:19		4.7	4.7			

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
29/4/19	27.0		0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: _____, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:35	כיול ב- באויר	0.0	
9:35	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03		נכתב ע"י: אייל שוורץ	חתימה:
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 4 מתוך 5			

שם האתר: שדה דב תאריך דיגום: 8/6/20 שם הדוגם: איון וליש חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-58-0.5	0.5	14:21	חול חרסיתי בהיר, לח	3.8	3.8	אין	לח	
K15-58-1.0	1.0	14:22	חול חרסיתי בהיר, לח	11.9		אין	לח	
K15-58-2.0	2.0	14:24	חול חרסיתי בהיר	3.6	3.6	אין	לח	
K15-58-3.0	3.0	14:25	חול לח, בהיר, רטוב	10.0		אין	לח	
K15-54-1	0.5	14:27	חול חרסיתי בהיר	11.4	11.3	אין	לח	
K15-54-1	1.0	14:28	חול חרסיתי + אספלט (בקבוקיות)	13.9		אין	יבש	
K15-54-1	2.0	14:30	חול חרסיתי כהה	11.3		אין	רטוב	
K15-54-1	3.0	14:31	חול בהיר, אבן גדולה	12.7	12.5	אין	יבש	
K15-58	0.5	14:33	חול חרסיתי בהיר, מעט אבני גיר	2.3		אין	לח	
K15-58	1.0	14:34	חרסית חולית, חומה	0.8		אין	לח	
K15-58	2.0	14:36	חול לח רטוב, מעט קרבונים	4.5		אין	לח	
K15 58	3.0	14:37	חול לח רטוב, מעט קרבונים	1.7		אין	לח	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	27.0		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: _____, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:35	כיול ב- באויר	0.0	
9:35	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 עס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE–F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 5 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: גיהה קדם תאריך דיגום: 8/6/20 שם הדוגם: עירן דוב חתימה:

מס' סקר חוזה: ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-58-3	0.5	14:39	חול חרסיתי כהה, עפעל תואר נמוך	0.7		אין	יש	
K15-58-3	1.0	14:40	חול בס, אבני צרפים, לח	2.5		אין	יש	
K15-58-3	2.0	14:42	חול בקי, אבני צרפים, לח	1.7		אין	יש	
K15-58-3	3.0	14:43	חול בס כהה	13.9		אין	יש	
K15-58-1	0.5	14:45	חול חרסיתי כהה	0.8		אין	יש	
K15-58-1	1.0	14:47	חול בקי- מעט שרשים	1.1		אין	יש	
K15-58-1	2.0	14:49	חול חרסיתי כהה - לח	0.5		אין	יש	
K15-58-1	3.0	14:50	חול חרסיתי - רוח סלע	0.4		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
7/4/24	27.0		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: _____, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
	כיול ב- באויר		
	כיול באמצעות גז		

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

COC - שרשרת משמורת מדגם קרקע

| | | |

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מכון התקנים הישראלי
INSTITUTION STANDARDS
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מכון התקנים הישראלי
מכון התקנים הישראלי

ISRAEL ISRAEL

מעבדות אלס בע"מ
ALS LABORATORIES LTD.

No. 595 פד

COC - שרשרת משמורת

שם הלקוח:	
כתובת:	
טלפון:	
פקס:	
איש קשר:	
מספר הזמנה:	
מספר הדגימה:	
תאריך ושעת הדגימה:	
תאריך ושעת קבלת הדגימה במעבדה:	
תאריך ושעת סיום הניתוח:	
תאריך ושעת הוצאת התוצאות:	

מיכל גזים | מיכל נוזלים | מיכל מוצק | מיכל אחר

מספר מיכל	סוג מיכל	נפח מיכל	סוג משמר	נפח משמר	תאריך ושעת הדגימה	מספר הדגימה	מטריצה	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום +9	צבע צבע

מעבדות אקולוגיות בע"מ
ISRAEL ECOLOGY LABORATORIES LTD.
No. 595 מס' רשיון

טופס שרשרת משמורת - COC

שם איש הקשר: [illegible] טל': 054-4858141
כתובת: [illegible] פקס: 04-8553617
דוא"ל: [illegible]@gmail.com

שם הפרויקט: [illegible] מס' הזמנה: [illegible]
מס' הדגימות: [illegible] תאריך: [illegible]
שם הדוגם: [illegible] חתימה: [illegible]

שם הלקוח: [illegible] תאריך: [illegible]
כתובת הלקוח: [illegible] חתימה: [illegible]
שם איש הקשר: [illegible] טל': [illegible]
דוא"ל: [illegible] פקס: [illegible]

הוראות מיוחדות
☐ דגימה לבדיקת PID בלבד ☐ דגימה לבדיקת PID ו-TPH
☐ דגימה לבדיקת מתכות כבדות ☐ דגימה לבדיקת VOC
☐ דגימה לבדיקת SVOC ☐ דגימה לבדיקת TPH
☐ דגימה לבדיקת ICP ☐ דגימה לבדיקת pH
☐ דגימה לבדיקת צבע ☐ דגימה לבדיקת צרור

הוראות לגבי דגימות שלא נשלחו לבדיקה
☐ להחזיר ☐ לזרוק ☐ לשמור עד לקבלת הוראות נוספות

הוראות לגבי דגימות שנשלחו לבדיקה

ISRAEL ACCREDITATION AUTHORITY
מעבדות מאושרות
No. 395 מס'

שירותי מעבדה אנליטית בע"מ
ALS Laboratory Group (Israel) Ltd.

מספר הזמנת עבודה: 1710-0040
תאריך: 5/8/2010
תאריך קבלת הדגימות: 5/8/2010
תאריך ביצוע הבדיקות: 5/8/2010
מספר דגימות: 4
מספר בדיקות: 4
מספר פרוטוקול: 1710-0040
מספר הזמנת עבודה: 1710-0040
מספר דגימות: 4
מספר בדיקות: 4
מספר פרוטוקול: 1710-0040

ALS

דוח בדיקה

מספר דגימה	תאריך דגימה	שעת דגימה	מטריצה	מספר בדיקה	תוצאה	יחידות	שיטת בדיקה	הערות
K15-5-1-1	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-2	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	
K15-5-1-3	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-4	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	
K15-5-1-5	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-6	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	
K15-5-1-7	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-8	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	
K15-5-1-9	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-10	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	
K15-5-1-11	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-12	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	
K15-5-1-13	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-14	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	
K15-5-1-15	5/8/2010	10:00	קרקע	1	2.0	mg/kg	EPA 8260	
K15-5-1-16	5/8/2010	10:00	קרקע	1	3.0	mg/kg	EPA 8260	

חתימה: _____ **שם:** _____ **תפקיד:** _____

הערות:
- הדגימות נשמרו בקירור ונשלחו למעבדה בהתאם לנהלים.
- תוצאות הבדיקות מתייחסות לדגימות כפי שהתקבלו.
- אין לשכפל דוח זה אלא בשלמותו ללא אישור בכתב מהמעבדה.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE-F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 7		אושר ע"י: דייר גיל כייץ, מנכ"ל	חתימה:

שם האתר: שקה קב תאריך דיגום: 9/6/20 שם הדוגם: מיכן קוגלר חתימה:

מס' סקר חוזה: ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-32	0.5	9:15	חול חרסיתי, בהיר	1.2		אין	יש	
K15-32	1.0	9:16	חול חרסיתי בהיר, נקבובי-חול	4.4		אין	יש	
K15-32	2.0	9:18	חול עם רעפים בהיר	0.6		אין	יש	
K15-32	3.0	9:19	חול עם בהיר	3.0		אין	יש	
K15-31-2	0.5	10:00	חומר מילוי בהיר + מנע	1.0		אין	אין	
K15-31-2	1.0	10:01	חול חרסיתי כהה	3.1		אין	יש	
K15-31-2	2.0	10:03	חול חרסיתי, כהה (חרסיג)	3.1		אין	יש	
K15-31-2	3.0	10:04	חול חרסיתי, חום כהה	2.1		אין	יש	
K15-31-3	0.5	10:08	חומר מילוי + חול יש	3.3		אין	אין	
K15-31-3	1.0	10:09	חול חרסיתי בינוני חום	2.8		אין	יש	
K15-31-3	2.0	10:11	חול עם חרסיג, חום כהה - כתום	2.8		אין	יש	
K15-31-3	3.0	10:12	חול עם חרסיג, חום כהה - כתום	3.6		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באויר השטח הפתוח PIDתעד קריאת
27/4/19	25.0		0.1

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: 1152 תאריך ביצוע הכיול: 16/11/2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:05	כיול ב- באויר	0.1	
9:05	כיול באמצעות גז	95.0	√

- בצע הזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2005
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03		נכתב ע"י: אייל שוורץ	חתימה:
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 2 מתוך 2			

דוגם מוסמך
מעבדה 395

שם האתר: [illegible] תאריך דיגום: 9/6/20 שם הדוגם: מירן ויסלר חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: _____

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-31	0.5	10:15	חול חרסיני עם מעט טיט	2.9		אין	אין	
K15-31	1.0	10:16	חול חרסיני בצבע אדום	0.5		אין	אין	
K15-31	2.0	10:18	חומר מילוי עד חול חרסיני	4.3		אין	אין	
K15-31	3.0	10:19	חול חרסיני	1.7		אין	לח	
K15-23	0.5	10:22	חול חרסיני בצבע חום כהה	1.6		אין	לח	
K15-23	1.0	10:23	חול חרסיני בצבע חום כהה	7.1		אין	לח	
K15-23	2.0	10:25	חול חרסיני בצבע חום כהה	5.3		אין	לח	
K15-23	3.0	10:26	חול חרסיני בצבע חום בהיר	2.5		אין	לח	
~~K15-31-1~~	0.5	10:30	חול חרסיני בצבע חום	3.7		אין	לח	
K15-31-1	1.0	10:31	חול חרסיני בצבע חום בהיר	2.1		אין	לח	
K15-31-1	2.0	10:33	חול חרסיני בהיר, אבנים	3.8		אין	לח	
K15-31-1	3.0	10:34	חול חרסיני, מעט טיט	3.3		אין	לח	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/19	25.0		0.1

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: _____, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:05	כיול ב- באויר	0.1	
9:05	כיול באמצעות גז	95.0	✓

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE–F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 7 מתוך 3		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: סדה יכ תאריך דיגום: 9/6/20 שם הדוגם: איתן קוגלס חתימה: איתן

מס' סקר חוזה: ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-54-2	0.5	11:18	חול בם בהיר + מעט מצע	5.0		אין	קל	
K15-54-2	1.0	11:19	חול בם בהיר	9.7		אין	קל	
K15-54-2	2.0	11:21	חול בם בהיר	3.0		אין	קל	
K15-54-2	3.0	11:23	חול בם בהיר + שכבות דקות	9.1		אין	קל	
K15-54-3	0.5	11:24	חול בם, חזק בהיר, + מצע	3.7		אין	קל	
K15-54-3	1.0	11:25	חול בם, חזק בהיר	1.2		אין	קל	
K15-54-3	2.0	11:27	חול בם, בינוני אבנים בהיר, מעט מצע	9.0		אין	קל	
K15-54-3	3.0	11:28	חול בם בהיר	10.2		אין	קל	
K52-2	0.5	12:00	חול ומעט שכבת גיר	3.8		אין	יבש	דהוי
K52-2	1.0	12:03	חול חרסית: דהוי-בנים בהיר	4.6		אין	יבש	
K52-2	2.0	12:06	חול חרסית: כהה-חום שחור	6.7		אין	יבש	ספוגים
K52-2	3.0	12:09	חול חרסית: כהה-חום-בקי	4.4		אין	יבש	רוח אביב

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	25.0		0.1

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:05	כיול ב- באויר	0.1	√
9:05	כיול באמצעות גז	95.0	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 7 מתוך 4		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

שם האתר: ערדה דרך תאריך דיגום: 9/6/20 שם הדוגם: מיכל חתימה:

מס' סקר חוזה: ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-2-3	0.5	12:12	חול וטף כהה-בהיר (גבס טח)	10.7		אין	יש	
K15-2-3	1.0	12:15	חול חרסיתי כהה-בהיר (טח ישן)	11.7		אין	יש	רטוב
K15-2-3	2.0	12:16	חומר מילוי -חולי בהיר עם שברי גבס	13.5		אין	יש	
K15-2-3	3.0	12:18	חול חרסיתי -רטוב-כהה	15.6		אין	יש	חופן/כהה
K15-1d	0.5	12:20	חול יבש בהיר עד	10.7		אין	יבש	
K15-1d	1.0	12:22	חול יבש-חרסיתי כהה	8.6		אין	יבש	
K15-1B	2.0	12:24	חומר מילוי - בגוון אפור - שברי גבס	6.4		אין	יבש	
K15-1B	3.0	12:25	חול חרסיתי כהה-בגוון כתום	9.7		אין	יבש	
K15-1	0.5	12:30	חול חרסיתי -טח- כהה	10.7		אין	יבש	(חורה)
K15-1	1.0	12:34	חול חרסיתי - רטוב- כהה	11.5		אין	יש	
K15-1	2.0	12:35	חול חרסיתי - רטוב - כהה	10.3		אין	יש	פתלכן
K15-1	3.0	12:36	חול כהה חרסיתי רטוב כהה	9.5		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	25.0		0.1

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: _____, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:05	כיול ב- באויר	0.1	
9:05	כיול באמצעות גז	95.0	√

- בצע חורה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מספר

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03		נכתב ע"י: אייל שוורץ	חתימה:
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 5 מתוך 7			

שם האתר: שקדה תאריך דיגום: שלמה שם הדוגם: אין חתימה: N

מס' סקר חוזה: ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K5-52-1	0.5	12:42	חולית חרסיתית- צבע כהה	13.8		אין	Q1	
K15-52-1	1.0	12:43	חולית חרסיתית- צבע כהה	13.5		אין	Q1	
K15-52-1	2.0	12:45	חולית חרסיתית- צבע כהה -רטוב	11.2		אין	L1	(שדה גיר)
K15-52-1	3.0	12:47	חולית חרסיתית- כהה - חול	10.7		אין	Q1	
K13-14	0.5	13:30	חולית חרסיתית צהוב	3.3		אין	Q2	
K13-14	1.0	13:31	חולית חרסיתית כהה	18.5		אין	Q2	
K13-14	2.0	13:33	חולית חרסיתית כהה, מעט שברי קונכיות	17.8		אין	L1	
K13-14	3.0	13:34	חולית חרסיתית כהה, מעט שריטות	5.0		אין	L2	
K15-46	0.5	13:36	חומר מינרלי כהה, מעט חרס	15.7		אין	Q2	
K15-46	1.0	13:37	חרסית אפרפרה בהירה, חום כהה	19.9		אין	Q1	
K15-46	2.0	13:39	חרסית חולית רטובה, כתומה	22.9		אין	L2	
K15-46	3.0	13:44	חולית חרסיתית, כהה, רטוב	18.1		אין	Q2	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	25.0		0.1

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: _____, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:05	כיול ב- באויר	0.1	
9:05	כיול באמצעות גז	95.0	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה
מהדורה מס': 03	נכתב ע"י: אייל שוורץ — חתימה:
תקף מתאריך: 29/01/2020 — מחליף את: 24/06/2018	אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:
עמוד 6 מתוך 7	

דוגם מוסמך
מעבדה 395

שם האתר: קבר שרה תאריך דיגום: 9/6/20 שם הדוגם: עינן קורן חתימה:

מס' סקר חוזה: ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K-10-16	0.5	13:41	חול חרסיני כהה, ריח אופייני	13.1		אין	יש	
K10-16	1.0	13:42	חרסית חולית, אפורה, ריח חזק	23.4		יש	יש	ריח קלוש
K10-16	2.0	13:44	חרסית בוקית, אפור, ריח חזק	68.2		יש	יש	ריח קלוש
K10-16	3.0	13:44	תרכובת, בוקית, אפורה, ריח חזק	23.1		יש	יש	ריח קלוש, אמוניה
K10-16-1	0.5	13:46	חול חרסיני כהה, רטוב	14.1		אין	יש	
K10-16-1	1.0	13:47	חול חרסיני כהה, רטוב	16.7		אין	יש	
K10-16-1	2.0	13:49	חרסית בוקית, אפורה, אמונית	53.5		יש	יש	ריח חזק על הלוח
K10-16-1	3.0	13:50	חרסית אמונית, בוקית, אפור כהה	30.1		יש	יש	ריח חזק על הלוח
K10-16-3	0.5	13:52	חרסית חולית+אספלט חום בהיר	16.3		אין	יש	
K10-16-3	1.0	13:53	חרסית בוקית כהה	13.6		אין	יש	
K10-16-3	2.0	13:55	חרסית בוקית, אפורה, אמונית	14.7		יש	יש	ריח קלוש
K10-16-3	3.0	13:56	חרסית בוקית, אפורה, אמונית	17.1		יש	יש	ריח קלוש

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	25.0		0.1

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: _____, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:05	כיול ב- באויר	0.1	
9:05	כיול באמצעות גז	95.0	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 1 מתוך 7		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דב תאריך דיגום: 9/6/20 שם הדוגם: איתן פרנקל חתימה:

מס' סקר חוזה: ציוד הקידוח:

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-6-2	0.5	14:20	חול בהיר, עם מעט אבנים	10.2		אין	2	
K10-16-2	1.0	14:21	חול בהיר, עם מעט אבנים	5.5		אין	2	
K10-16-2	2.0	14:23	חרסית חולית, אפורה, אחידה	75.3		2	2	ריח של דלק
K10-16-2	3.0	14:24	חרסית חלשת בהירה, אחידה	33.4		2	2	ריח של דלק
K10-22-3	0.5	14:26	חרסית חולית- ריח חלש של דלק	219.2				דלק
K10-22-3	1.0	14:27	חרסית חולית ריח חלש של דלק	217.1				דלק

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	25.0		0.1

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: תאריך ביצוע הכיול: שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:05	כיול ב- באויר	0.1	
9:05	כיול באמצעות גז	95.0	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAEL

מכון לבדיקת קרקעות בע"מ
SOIL TESTING INSTITUTE LTD.

מעבדה מוסמכת 395
No. 395 מס'

ת.ד. 7 מגדל העמק 10550
טל: 04-6553117 פקס: 04-6553143

דוגם מוסמך
מעבדה 395

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דוגם מוסמך
מעבדה 395

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ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025 מס' 395
No. 395

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה
מהדורה מס': 03	
תקף מתאריך: 29/01/2020 | מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ / חתימה:
עמוד 1 מתוך 5	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך מעבדה 395

שם האתר: [illegible] תאריך דיגום: 24/6/20 שם הדוגם: אמיר בוגש חתימה: [signature]

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-22-2	0.5	10:30	חול חרסיתי בהיר - יסוד חרסית	2.3		כן	כן	חול לבן
K10-22-2	1.0	10:31	חרסית חולית שחורה - כהה	1.4		כן	כן	ריח חלש של דלק
K10-22-2	2.0	10:35	חרסית חולית [redacted]	22.5		כן	כן	שחור - ריח חלש
K10-22-2	2.5	10:36	חרסית שונה - בגוון שחור (גיר)	35.6		כן	כן	ריח חלש
K10-22-1	0.5	11:00	חול גיאלי - בגוון כהה	5.6		כן	כן	
K10-22-1	1.0	11:05	חול חרסיתי, אפור	5.3		כן	כן	ריח חלש
K10-22-1	2.0	11:07	חרסית - חולית שחורה	17.6		כן	כן	
K10-22-1	3.0	11:08	חרסית שונה שחורה - יסוד חולית	15.4		כן	כן	
K10-21-3	0.5	11:15	חומר גיאלי + חול חרסיתי	70.6		כן	כן	
K10-21-3	1.0	11:16	חרסית חולית שחורה	76.6		כן	כן	
K10-21-3	2.0	11:20	חרסית שחורה - חולית	202.4		כן	כן	
K10-21-3	3.0	11:22	חרסית שונה - אפור	27.2		כן	כן	

תאריך תפוגת הכיול	טמפ': °C (בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
29/4/2020	28.1	24.2	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: 115284 תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:00	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
KTE - F20 :טופס מס'		
03: מהדורה מס'		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 2 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: [illegible] תאריך דיגום: 14/6/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID-[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-27-3	0.5	12:18	חול חרסיתי, מעט כרוז	8.0		אין	קל	
K10-27-2	1.0	12:20	חול חרסיתי כהה, עם	9.4		אין	קל	
K10-27-2	2.0	12:21	חול חרסיתי-חום כהה חצי	6.0		קל	קל	ריח
K10-27-2	3.0	12:23	חול חרסיתי אפור-חום בהיר-שמנת	10.5		קל	קל	ריח חלש
K10-27-1	0.5	12:26	חול עם כתמי חלוד אדומים	12.7		אין	קל	
K10-27-1	1.0	12:27	חול עם גוונים אפור, מעט נקבובית	11.0		אין	קל	
K10-27-1	2.0	12:28	חול חרסיתי אפור כהה, ריח חריף	17.4		קל	קל	
K10-27-1	3.0	12:29	חול חרסיתי אפור כהה, ריח חריף	3.0		אין	קל	
K11-17-1	0.5	12:50	חול חרסיתי עם חלוקי חלוד	3.2		אין	קל	
K11-17-1	1.0	12:51	חול חרסיתי עם חלוקי חלוד	5.4		אין	קל	
K11-17-1	2.0	12:53	חרסית חולית אפור-כהה	7.9		אין	קל	כהה יותר
K11-17-1	3.0	12:56	חול חרסיתי אפור-כהה	3.3		אין	קל	כהה

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
21/4/24	28.1	24.2	0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/11/19 שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:00	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה
מהדורה מס': 03	
תקף מתאריך: 29/01/2020 | מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 3 מתוך 5	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

שם האתר: [illegible] תאריך דיגום: 14/6/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KM-17-2	0.5	13:00	חול- חום נקי- מעט מץ	10.3	10.2	אין	אין	
KM-17-2	1.0	13:01	חול חום נקי מכיל חלוקי נחל	12.4	12.4	אין	אין	
KM-17-2	2.0	13:03	חול חרסתי- (שכבת קרקעית חרוכה)	17.6	17.6	אין	אין	
KM-17-2	3.0	13:05	חול חרסתי אפור כהה- רטוב	10.3	10.0	אין	אין	
KM-17-3	0.5	13:10	חומר מילוי- חול חרסתי	14.3	14.0	אין	אין	
KM-17-3	1.0	13:11	חרסתי חולית- חום בהיר	17.4	17.5	אין	אין	
KM-17-3	2.0	13:15	קרמיקה חולית סדק עטוף אבני סלע	15.3	12.1	אין	אין	
KM-17-3	3.0	13:17	חרסתי רטובה- חומר בהיר	13.2	13.0	אין	אין	
KU-1	0.5	13:40	חרסת מלית, אפר חומר מילוי	8.5		אין	אין	
KU-1	1.0	13:41	חרסת חלונית, מעט אבני גיר	13.0		אין	אין	
KU-1	2.0	13:44	חרסת אפרפר, כהה	14.0		אין	אין	
KU-1	3.0	13:45	חרסת אפרפר כהה	12.6		אין	אין	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	28.1	24.2	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/7/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
	טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה	
	מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 4 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: שדה בוקר- לוי אשכול תאריך דיגום: 14/6/20 שם הדוגם: נתן בוגן חתימה:

מס' סקר חוזה: ציוד הקידוח: Geoprobe 100B

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K4-2	0.5	14:00	חרסית חולנית, כהה, נחת	7.0		אין	יש	
K4-2	1.0	14:07	חרסית חולית, כהה, נחת	4.8		אין	יש	
K4-2	2.0	14:02	חרסית שאנה מעט חולנית, כהה	2.6		אין	יש	
K4-2	3.0	14:04	חרסית שאנית, כהה					
K4-2								
K4-2								
K4-2	4.0	15:00	חרסית שאנית אפורה	11.2		אין	יש	
K4-2	5.0	15:01	חרסית שאנית אפורה	13.2		אין	יש	
K4-3	0.5	14:20	חול חרסיני בגוון חום כהה	7.5		אין	יש	
K4-3	1.0	14:21	חרסית שאנית, כהה, נחת	9.8		אין	יש	
K4-3	2.0	14:23	חרסית שאנית, מעט אורגנים	7.6		אין	יש	חות כוה
K4-3	3.0	14:24	חרסית שאנית, כהה, מעט אורגנים	12.5		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/6/24	28.1	24.2	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: תאריך ביצוע הכיול: 10/11/19 שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:00	כיול באמצעות גז	97.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 5 מתוך 5		אושר ע"י: דייר גיל ב"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: [illegible] תאריך דיגום: 14/6/20 שם הדוגם: עידן חתימה: N/A

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KU-4	0.5	14:26	חול חרסית כהה	2.6		אין	יש	
KU-4	1.0	14:27	חרסית אפורה כהה	8.0		אין	יש	מרץ תוך
KU-4	2.0	14:29	חרסית אפורה כהה	12.3		אין	יש	
KU-4	3.0	14:30	חרסית אפורה כהה	12.6		אין	יש	
KU-4	4.0	14:32	חרסית אפורה כהה	14.0		אין	יש	
KU-4	5.0	14:33	חרסית אפורה כהה	14.2		אין	יש	
KU-3	4.0	15:05	חרסית אפורה	12.0		אין	יש	
KU-3	5.0	15:06	חרסית אפורה	9.5		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/9/24	28.1	24.2	0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/11/11, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:00	כיול באמצעות גז	98.5	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות
מס' המכסה: 395
שם הדוגם:
חתימת הדוגם:
כתובת הארגון: הנגינים 53 הוד השרון 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הקידוח:	
שם אתר דיגום:	SORE 18-219 232
כתובת האתר:	219 232
תאריך הדיגום:	מס סקר חיזוי: 14/6/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6): 11526 תפוגת הנורה: 16/11/20	
*התקבל ע"י: . תאריך: . חתימה: . שעה:	

שם המשלם: האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
הכרה:
טלפון:
הערות לבדיקות הנדרשות: לאישור המעבדה האנליטית בלבד

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו במקס:
רמת הדחיפות קבלת אנליזות (הקף בעיגול): 3 ימי עבודה, 4 ימי עבודה, 5 ימי עבודה, נוהל רגיל.
בדיקות נדרשות + % רמיבות

אין להשתמש בחלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

"מס סידורי רץ (A,B)	משמורת		PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	ברום 6+	גודל גרגר									תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באמצע פנוים	מורכב -מ' חמץ - ח'	שעת הדיגום	כלי הדיגום	עומק (מטר)	זיהוי בק' הדיגום. ע"פ בקשת מזמין העבודה
V1			2.3	X																	10:30	5	0.5	K10-22-2
V2	X		1.4																		10:31	5	1.0	K10-22-2
V3	X		22.5																		10:35	5,3.2	2.0	K10-22-2
V4	X		35.6	X			X	X													10:36	5,3.2	2.5	K10-22-2
V5	X		56																		11:00	5	0.5	K10-22-1
V6			5.3	X																	11:05	5	1.0	K10-22-1
V7	X		14.3																		11:07	5	2.0	K10-22-1
V8			15.6	X																	11:08	5	3.0	K10-22-1
V9	X		10.4																		11:15	5	0.5	K10-21-3
V10			76.6	X																	11:16	5,3.2	1.0	K10-21-3
V11			202.4	X			X	X													11:20	5,3.2	2.0	K10-21-3
V12			27.6	X			X	X													11:22	5,3.2	3.0	K10-21-3

חתימת הדוגם: נמסר ע"י:
תאריך: 14/6/20 שעה: 16:00

משרדי KTE
שם המאסכן: מקום אחסון: מקרר
האחראי על מקום האחסון

התקבל במעבדה ע"י תחתמת + חתימה שעה:
תאריך: . *תעד טמפ' בעת קבלה במעבדה:
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטאורולוגיים: (הקף בעיגול) יום גשום/ משונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירומת קרקע מזוהמת או החשודה בזיהום ודיגום מוריא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. צנצנת עם HNO_3 ; 3.1. ויילים, 3.2 : מתנול, 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום:

נא לסמן האם הדיגום נעשה בהסמכה: ☐, לא בהסמכה: ☐ (הרשות להסמכת מעבדות), במידה וזוהו חריגות נא לציין:

שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) תאריך 14/6/20 השיטה: דיגום קרקע, דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GEOPROBE

תאריך תחילת האחסון: שעה: תאריך סיום האחסון: 15/6/20 שעה: , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות
מס' הסמכה: 395
שם הדוגם: גיל כ"ץ
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודריישות אנליזה
דף 2 מתוך 2
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) ____
סוג מכשיר הקידוח:-Geoprobe

שם הקוח:	איקאה חיפה
שם אתר דיגום:	איקאה חיפה
כתובת האתר:	איקאה חיפה, ת"ת, ישראל
תאריך הדיגום:	14.5.20 מס סקר תיוה:
שם איש הקשר:	גיל כ"ץ
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):	חפיגת הכיול:
*התקבל ע"י:	תאריך: , חתימה: , שעה:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*יטולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: _____ האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר להשלום: _____ האם הדגום ברצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רצידות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה.
הצהרה: טופס זה מתייחס רק לפרישים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

מס' סידורי רץ (A,B)	משמורת																תאר דרישות: 1. לא נמסרה כמות מתאימה. 2.לא התקבל או טופל בפרק הזמן הנדרש 3.התקבל באפן פגום	מורכב -מ' חמף - ח'	שעת הדיגום	כלי הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
V13																			12:17	5	0.5	K10-21-2
V14	X																		12:20	5	1.0	K10-21-2
V15	X																		12:21	5	2.0	K10-21-2
V16																			12:23	5	3.0	K10-21-2
V17																			12:26	5	0.5	K10-21-1
V18	X																		12:27	5	1.0	K10-21-1
V19	X																		12:32	5	2.0	K10-21-1
V20																			12:39	5	3.0	K10-21-1
V21	X																		12:50	5	0.5	K11-17-1
V22	X																		12:51	5	1.0	K11-17-1
V23	X																		12:52	5	2.0	K11-17-1
V24																			12:53	5	3.0	K11-17-1

PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר						
2.0	X													
9.4														
6.0														
10.5	X													
12.7	X													
11.0														
17.4														
3.0	X													
3.2														
5.4	X													
7.9														
3.3	X													

חתימת הדוגם	נמסר ע"י:
תאריך:	שעה:

משרדי KTE	
שם המאחסן:	מקום אחסון:
האחראי על מקום האחסון	

התקבל במעבדה ע"י	חותמת + חתימה: שעה:
תאריך:	*תעד טמפ' בעת קבלה במעבדה:
*באחריות המעבדה האנליטית.	

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום בשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוידא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1.; צנצנת עם HNO3 ; 3.ויילים,3.1; Nacl(תמיסת מלח), 3.2 ; מתנול 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות לא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ר"ר כ"ן מכנולוגיות.
מס' הסמכה: 395
שם הדוגם: מיקי זיו
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	אחלה כבוז
שם אתר דגימה:	אזה 27
כתובת האתר:	אזה 27 נוי אשדוד
תאריך הדיגום:	מס סקר חיזוי: 14/6/20
שם איש הקשר:	טירס נוי
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):	תפוגת הכיול:
*התקבל ע"י:	תאריך: , חתימה: , שעה:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*יומלא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: אחלה כבוז האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
הוצאות המעבדה יועברו במייל:
הוצאות המעבדה יועברו בפקס:
רמת זהיפות קבלת אנליזות (הקף בעיגול): 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נהל רגיל.
בדיקות נדרשות + % רגישות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
גמוך: ☐ בינוני: ☐ עמוק: ☐

דיווי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תע"ד תריגות: 1. לא נסמרה בממ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הנדרש. 3. התקבל באפון פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר							משמורת		מס' סידורי ק (A,B)
K11-17-1	0.5	5	13:00			10.3															X		V25
K11-17-2	1.0	5	13:01			12.4	X																V26
K11-17-2	2.0	5	13:3			11.6															X		V27
K11-17-2	3.0	5	13:05			10.7	X																V28
K11-17-3	0.5	5	13:10			14.7															X		V29
K11-17-3	1.0	5	13:11			17.4	X																V30
K11-17-3	2.0	5	13:15			15.3															X		V31
K11-17-3	3.0	5	13:17			13.2	X																V32
K4-1	0.5	5	13:40			8.5																	V33
K4-1	1.0	5,31	13:41			13.0	X		X														V34
K4-1	2.0	5	13:44			14.0															X		V35
K4-1	3.0	5	13:45			12.8															X		V36

התימת הדוגם: , נמסר ע"י:
תאריך: שעה:

משרדי KTE
שם המאחסן: מקום אחסון:
האותיות על מקום האחסון

התקבל במעבדה ע"י: חותמת + חתימה: שעה:
תאריך: *תע"ד סמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תע"ד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירומות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. צנצנת עם HNO3 ; 3.1. ויילים, 3.2 מתנול. 3.3 Nacl(תמיסת מלח). קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום:

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות), במידה וזוהו חריגות נא לפרט: , הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך:
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) תאריך השיטה: דיגום קרקע/ דיגום מערוס/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: שעה: תאריך סיום האחסון: שעה: , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות
מס' הסמכה: 395
שם הדוגם: [illegible]
זהות הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 3326
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 4 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	[illegible]
שם איתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	מס סקר תיזה: 14/6/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):	תפוגת הביול:
*התקבל ע"י:	תאריך: חתימה: שעה:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשכתוב המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
הוצאות המעבדה יועברו במייל:
הוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיבות

אין להשתמש חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מהיימם רק לפרישים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תעד הדיגות: 1. לא נשטרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באפן פגום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	ברום +6	גרגל גרגר							משמורת		*מס' סידורי רץ (A,B)
K4-2	0.5	5	14:00			7.0															X	V37
K4-2	1.0	5	14:01			4.1	X		X												X	V38
K4-2	2.0	5	14:02			2.6															X	V39
K4-2	3.0	5	14:04			6.2																V40
~~K4-3~~	~~4.0~~	~~5~~																				V41
~~K4-4~~	~~5.0~~	~~5~~																				V42
K4-2	4.0	5	15:00			11.2															X	V43
K4-2	5.0	5,31	15:01			13.2	X			X	X											V44
K4-3	0.5	5	14:20			7.5															X	V45
K4-3	1.0	5	14:21			9.0	X		X													V46
K4-3	2.0	5	14:23			7.6															X	V47
K4-3	3.0	5,31	14:24			12.5															X	V48

תאריך הדוגם: [illegible] נמסר ע"י: [illegible]
תאריך: [illegible] שעה: [illegible]

משרדי KTE
שם המאחסן: מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י: חותמת + חתימה: שעה:
תאריך: *תעד טופס' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תבאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טופס':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמות או החשודה בזיהום ודיגום מוודא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. צנצנת עם HNO_3 ; 3.1. ויילים, 3. Nacl(תמיסת מלח), 3.2. מתנול, 3.3. קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וווהו חריגות נא לתעד: _____ הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת הסביבה מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ השיטה: דיגום קרקע, דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ תאריך סיום האחסון _____ שעה: _____ תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: מיכל קוגלר
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 31265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@ktc.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 05 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם סוף דו"ח (√) V
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	אחוזת נווה
שם אתר דיגום:	חיפה קב נ' אורנית
כתובת האתר:	חיפה קב נ' אורנית
תאריך הדיגום:	מס סקר הזנה: 746/20
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):	תפוגת הכיול:
*התקבל ע"י:	תאריך: . חתימה: . שעה:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*יסומלא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: אחוזת נווה האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה ; נוהל רגיל.
בדיקות נדרשות + % רשימות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי חדיגום	שעת הדיגום	מורכב -מ' חתך - ח'	תיעד תריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל במרק הזמן הנדרש. 3. התקבל באפן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	ברום +6	גודל גרגר							משמורת		*מס' סידורי ריק (A,B)
K4-4	0.5	5	14:26			2.6															X		V49
K4-4	1.0	5	14:27			8.0	X		X														V50
K4-4	2.0	5	14:29			2.3															X		V51
K4-4	3.0	5	14:30			ND 12.6															X		V52
K4-4	4.0	5	14:32			ND 14.0															X		V53
K4-4	5.0	5,31	14:33			14.2	X			X	X												V54
K4-3	4.0	5	15:05			12.0															X		V55
K4-3	5.0	5	15:06			9.5	X			X	X												V56
		5																					V57
		5																					
		5																					
		5																					
		5																					

חתימת הדוגם: נמסר ע"י:
תאריך: שעה:

משרדי KTE
שם המאחסן: מקום אחסון:
זהאותראי על מקום האחסון

התקבל במעבדה ע"י: חותמת + חתימה: שעה:
תאריך: *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת החוז'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירומות קרקע מזוהמות או החשודה בזיהום ודיגום מומדא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. צנצנת עם HNO_3 ; 3. ויילים, 3.1. Nacl(תמיסת מלח), 3.2 ; מתנול, 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום:

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (חרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להג"ס בתאריך:
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) תאריך השיטה דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת תאחסון: שעה: תאריך סיום האחסון: שעה: , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: [illegible] תאריך דיגום: 28/7/20 שם הדוגם: [illegible] חתימה: [illegible]

מס' סקר חוזה: _____ ציוד הקידוח: [illegible]

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-16	0.5	9:41	חול חרסיתי כהה בהיר-חום+מעט אבנים	0.8		אין	יש	
K10-16	1.0	9:42	חול חרסיתי כהה בהיר-חום, לח מאוד	0.6		אין	יש	
K10-16	2.0	9:44	חול חרסיתי, כהה אפור, ריח חריף	6.8	6.5	יש	יש	
K10-16	2.5	9:45	חרסית אפורה, מעט חלוקיות בהיר אפור-ירקרק	1.8		יש	יש	ריח חריף
K10-22-5	0.5	10:13	חול עפ, חרסיתי כהה בהיר-חום	0.6		אין	יש	
K10-22-5	1.0	10:14	חול עפ, חרסיתי כהה בהיר-חום	0.8		אין	יש	
K10-22-5	2.0	10:17	חול חרסיתי, כהה אפור, ריח חריף	405.1	413.8	יש	יש	לח-רטוב
K10-22-5	3.0	10:18	חול חרסיתי כהה אפור, ריח חריף	6.3		יש	יש	הצרה נמוכה
K10-16	3.0	10:31	חול חרסיתי, אפור, ריח חריף (גבול אזור)	0.3		יש	יש	
K10-22-4	0.5	10:45	חול יפו, עם כמה אבנים בהיר אפור	0.2		אין	יש	
K10-22-4	1.0	10:46	חול יפו, עם מעט אבני חול, בהיר	0.5		אין	יש	מים מתחיל ב 1.50
K10-22-4	2.0	10:50	חרסית חלקית אפורה-ירקרקה-ירוק חתיכות	723		יש	יש	נלהרו

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/6/24	28.5		0.0

שם המכשיר PPM :DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16.11.19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:03	כיול באמצעות גז	97.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2005
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 2 מתוך		אושר ע"י: דייר גיל כייץ, מנכ"ל	חתימה:

שם האתר: שדה דוד צור אשכול תאריך דיגום: 28/7/20 שם הדוגם: רוני חתימה:

מס' טקר חוזה: ציוד הקידוח: Geo Probe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-22H	3.0	10:52	חרסית חולית בצבע אפור-בז'בהיר גבוהת	4.6		יש	יש	נפסק הניקוב ב 2.80
K10-21-4	0.5	11:11	חומר מילוי - חלקי שפת מפלס	0.4		אין	אין	
K10-21-4	1.0	11:14	חול יבש-לח, שם, טרשי-כהה	0.6		אין	יש	
KO-21-4	2.0	11:17	חרסית חולית אפורה ריח חריף	0.7	0.7	יש	יש	רעוי רציף מ 2.0
K10-21-4	3.0	11:17	חרסית חולית אפורה חומית (בז'בהיר) בתחתית	0.7		יש	יש	מים ביוספון 2.70
T10-22-7	0.5	11:40	חול גס, כהה, לח	0.6		אין	יש	
T10-22-7	1.0	11:41	חול גס, כהה, לח	0.4	0.6	חזק	יש	
T10-22-7	2.0	11:46	חול חרסיתי אפור, רטוב, ריח חריף חזק	18.9		חזק	יש	הארה נמוכה 2.0-2.5
T-10-22-7	2.5	11:47	חול חרסיתי בינוני אפור עם ריח חריף	2.7		חזק	יש	
K10-21-6	0.5	11:51	חול חרסיתי כהה + שם אבני מילוי	0.4		אין	יש	
T10-21-6	1.0	11:52	חול חרסיתי כהה + שם אבני מילוי	0.6		חזק	יש	
T10-21-6	2.0	11:56	חול חרסיתי, בינוני אפור, ריח חריף רטוב	0.6		חזק	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/6/26	28.5		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: תאריך ביצוע הכיול: 15.11.19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:03	כיול באמצעות גז	97.4	✓

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה
מהדורה מס': 03	נכתב ע"י: אייל שוורץ — חתימה:
תקף מתאריך: 29/01/2020 — מחליף את: 24/06/2018	אושר ע"י: דייר גיל כ"ץ, מנכ"ל — חתימה:
עמוד 3 מתוך	

שם האתר: שקה דרום שלוה אשקלון — תאריך דיגום: 28/11/20 — שם הדוגם: אייל חלוה — חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProBe

שם הקידוח ומיקומו	עומק דוגמה |m|	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-21-6	3.0	11:57	חרסית אפורה, קרקע אבקנית, מעט חול	0.4		אין	יש	
K10-22-6	0.5	12:21	חול חרסיתי קרקע כהה	122.7	120.6	אין	יש	
K10-22-6	1.0	12:22	חול חרסיתי קרקע אפור, ריח חזק	254.7		יש	יש	ריח חזק
K10-22-6	2.0	12:24	חול חרסיתי כרקע אפור כהה, ריח רע	166.7		יש	יש	ריח חריף נוכחי
K10-21-5	3.0	12:25	חרסית חולית אפורה, מעט ריח	13.7		יש	יש	מעט ריח
K10-21-5	0.5	12:27	חול חרסיתי + אקני גיליון	6.9	6.5	אין	יש	
K10-21-5	1.0	12:28	חול חרסיתי, כעפ אפור. ריח חריף	77.7		יש	יש	ריח חריף
K10-21-5	2.0	12:30	חול חרסיתי כהה אפור, ריח חזק חריף	449.7		יש	יש	ריח חזק
K10-21-5	3.0	12:31	חרסית אפורה, שברירית, ריח ערמון	14.3		יש	יש	
K10-22-8	0.5	13:05	חול דק, כהה	1.6		אין	יש	
K10-22-8	1.0	13:09	חול דק, מעט חרסיתי, כהה	3.5		אין	יש	
K10-22-8	2.0	11:11	חול חרסיתי, כקרקע אפור כהה, ריח רע	7.2		יש	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
28/11/20	28.5		0.0

שם המכשיר PPM DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16.11.20, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
7:00	כיול ב- באוויר	0.0	√
9:03	כיול באמצעות גז	97.4	

- בצע הזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 נסמ

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE -F20		טופס: בדיקת ממצאי שדה
מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 4 מתוך		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה קב - נווי אבות תאריך דיגום: 28/7/20 שם הדוגם: מיכן קוטש חתימה:

מס' סקר חוזה: ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-22-8	2.5	13:12	חרסית אפורה חולית בקרבה אפור כהה	4-8		אין	יש	ריח דקון, אב מרוח
K10-22-9	0.5	13:15	חול חרשתי בקרבה אפור בהיר	48.0		אין	יש	
K10-22-9	1.0	13:16	חול חרסיתי בינוני אפור בהה	199.8		יש	יש	ריחתכב, רחץ
K10-22-9	2.0	13:18	חול חרסיתי, בינוני אפור כהה, ריחתץ	250.8		יש	יש	ריח חרסן, חלק מאוד
K10-22-9	2.5	13:19	חרסית אפורה, בקרבה אפור בהיר	13.2		יש	יש	ריח ערק
K10-22-10	0.5	13:20	חול עם בהיר + שחו מרץ	5.0		אין	יש	
K10-22-10	1.0	13:27	חול חרסיתי, בהיר	7.3		אין	יש	
K10-22-10	2.0	13:30	חול חרסיתי אפרפר אפור, ריח חרס	4.6		יש	יש	
K10-22-10	2.5	13:31	חרסית חולית בהירה אפור אמצע ריח	6.5		יש	יש	
K11-17.7	0.5	14:00	חרסית כהה - שחו	2.8		N/A	יש	
K11-17.7	1.0	14:05	חרסיתי כהה - אפרפר	0.7		N/A	יש	
K11-17.7	2.0	14:07	חרסיתי כהה - רטוב	1.5		אין	יש	

תאריך תפוגת הכיול	טמפ': °C (בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	28.5		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: תאריך ביצוע הכיול: 16/11/20, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)

שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:03	כיול באמצעות גז	97.4	

- בצע הזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צינורות זכוכית/ צינורות אלומיניום

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F20		
מהדורה מס': 03		טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 5 מתוך		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: קלה קבלנות אחזקה תאריך דיגום: 28/7/20 שם הדוגם: אייל רוזנטל חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-17-7	3.0	14:15	חרסית חולית- אפורה - כהה	1.8		יש	אין	קל
K11-17.5	0.5	14:17	חרסית חולית- מעלי מערב	0.8		אין	אין	
K11-17.5	1.0	14:19	חול חרסיתי - ערני. מעלי	1.5		אין	יש	
K11-17.5	2.0	14:25	חול חרסיתי- אפור-לח עם ריח	1.4		קל	יש	ריח חזק
K11-17.5	3.0	14:26	חול חרסיתי- אפור לח- ריח חריף.	2.0		יש	יש	
K11-17-4	0.5	14:31	מעלי- חרסיתי - ערני מעלי	0.8		אין	יש	
K11-17-4	1.0	14:33	חרסית חולית- חולית כהה	1.0		אין	יש	
K11-17-4	2.0	14:37	חול חרסיתי- כהה, ריח קל	1.1		אין	יש	
K11-17-4	30	14:39	חול חרסיתי- לחות-אפרפר	1.2		קל	יש	ריח חריף
K11-17-6	0.5	14:45	חרסית חולית- כהה	0.6				
K11-17-6	1.0	14:48	חול חרסיתי לחות-כהה-לח	0.7				
K11-17-6	2.0	14:49	חרסיתי כהה - לח	0.9				

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	28.5		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:03	כיול באמצעות גז	97.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- מלא את כלי האחסון של הקרקע הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבעונית זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
למסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 5 מתוך		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: שדה תל אשרת 18-717 תאריך דיגום: 28/7/20 שם הדוגם: איציק חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProBe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K11-17-6	3.0	14:55	חול חרסיתי- אבקתי- רטוב- שח	3.1		אין	כן	
K11-17-7	0.5	14:58	חול חרסיתי + מעט אבני חצץ	1.2		אין	כן	
K11-17-7	1.0	14:59	חול- יק-גס-שח.	1.4		אין	כן	
K11-17-7	2.0	15:05	חרסית חולית- רטובה- מעלי מטע	1.8		אין	כן	
K11-17-7	3.0	15:06	חול חרסיתי- רטוב- שח ורטוב	2.1		אין	כן	ריח מזוהה
K11-17-8	0.5	15:10	מעלי-חול + שרני מעלי	1.2		אין	כן	
K11-17-8	1.0	15:11	חול חרסיתי רטוב- שח.	1.4		אין	כן	
K11-17-8	2.0	15:13	חול + מעלי	2.8		אין	כן	
K11-17-8	3.0	15:15	חול חרסיתי -אפור שח +מעט ריח	1.4		חזק	כן	
K10-22-11	0.5	15:17	חול חרסיתי רטוב -שח (מעט [illegible]	0.4		מעט	כן	
K10-22-11	1.0	15:19	חול חרסיתי רטוב -שח	1.6		אין	כן	
K10-22-11	2.0	15:25	חול חרסיתי-חולי רטוב	0.6		ישן	כן	

תאריך תמונת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/20	28.5		0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	√
9:03	כיול באמצעות גז	97.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה
מהדורה מס': 03	
תקף מתאריך: 29/01/2020 מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 6 מתוך	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה דב תל אביב תאריך דיגום: 28/7/20 שם הדוגם: מיכן זוהר חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דיגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K10-22-11	2.5	15:26	חרסית שמנה-אפורה	0.7		אין	אין	
K10-22-12	0.5	15:28	חול חרסיתי-חום	3.5		אין	אין	
K10-22-12	1.0	15:31	חול חרסיתי-חום	4.7		אין	אין	
K10-22-12	2.0	15:35	חול חרסיתי-כתה נשם ריח חריף	3.0		אין	אין	
K10-22-12	2.5	15:40	חרסית שמנה-חום חריף	1.4		אין	אין	שלח שכ
K10-22-13	0.5	15:41	חול חרסיתי-חום	1.5		אין	אין	
K10-22-13	1.0	15:45	חול חרסיתי חום כהה	2.3		אין	אין	
K10-22-13	2.0	15:46	חול חרסיתי כתה	1.5		אין	אין	
K10-22-13	2.5	15:48	חרסית שמנה אפורה (רטוב)	1.4		אין	אין	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	28.5		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באוויר	0.0	√
9:03	כיול באמצעות גז	97.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צבצנת זכוכית/ צבצנת פלסטיק.

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך ____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)____
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

שם הלקוח:	אקי"ל רמלה
שם אתר דיגום:	רמלה
כתובת האתר:	רמלה
תאריך הדיגום:	מס סקר חוזה: 28172*
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה T-114310:(Ev 10.6 , תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רשימות

אין להעתיק הלקים מטופס זה ללא אישור המעבדה!
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום: נמוך ____ בינ ____ עמ ____

ע"מ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מזרם ב-מ' חתוך -מ'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר	עופרת	אזבסט				משמרת	*מס סידורי רק (A,B)
K10-16	0.5	9:41	5			0.0															Y1
K10-16	1.0	9:42	5			0.6															Y2
K10-16	2.0	9:44	5			0.8															Y3
K10-16	[illegible]	9:45	5			1.8															Y4
K10-22-5	0.5	10:13	5			0.0															Y5
K10-22-5	1.0	10:14	5			0.7															Y6
K10-22-5	2.0	10:17	5,32			495.8															Y7
K10-22-5	3.0	10:18	5			6.3															Y8
K10-16	3.0	10:38	5			0.3															Y9
K10-22-4	0.5	10:45	5			0.7															Y10
K10-22-4	1.0	10:46	5			0.5															Y11
K10-22-4	2.0	10:50	5,5,2			72.3															Y12

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימת _____ שעה : _____
תאריך: _____ . *העד ממפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1 ; צנצנת עם HNO3 ; 3.ויילים,3.1 ; Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____
נא לסמן האם הדיגום נעשה בהסמכה: ☐ , לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י הממשק לתעשיה מתאנדך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]
כתובת האורגן: המגינים 53 חדרה 3326
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך
מעבדה 395

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך [illegible]
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם טוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

שם הלקוח:	[illegible]
שם אתר דיגום:	[illegible]
כתובת האתר:	[illegible]
תאריך הדיגום:	22/7/19 מס סקר חוזר:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. יומלא במקרה שהדגימה נמסרה לאדם שאינו בציג המע

שם המשלם: [illegible] האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דוחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גבוה משתער מפלס מי תהום:
נמוך ☐ בינ ☐ עמ ☐

מס' סידורי רץ (A.B)*	משמורת																PID (ppm)	תעד וריגות: 1. לא נשמרה בממס' מתאימה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן ממס.	מדרך ב-מ' חנוך -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה
925							ציאנידים	עופרת	גרגל גרגר	כרום +6	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO	4.6			5	10:52	3.0	K10-22-4
926																	0.4			5	11:11	0.5	K10-21-4
927																	0.6			5	11:14	1.0	K10-21-4
928																	0.7			5	11:17	2.0	K10-21-4
929																	0.7			5	11:19	3.0	K10-21-4
930																	0.6			5	11:40	0.5	K10-22-7
931																	0.4			5	11:41	1.0	K10-22-7
932																	18.9			5,31	11:46	2.0	K10-22-7
933																	2.7			5	11:47	2.5	K10-22-7
934																	0.4			5	11:51	0.5	K10-21-6
935																	0.6			5	11:52	1.0	K10-21-6
936																	0.6			5,31	11:56	2.0	K10-21-6

חתימת הדוגם: [illegible] . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *העד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עירמות קרקע מזוהמת או החשודה בזיהום ודיגום מוידאו"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. ; צנצנת עם HNO3 ; 3.ויילים,3.1. Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית עקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ז"ר כ"ן טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: _____
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 חיפה, 33365
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה:
דף 3 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)____
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך
מעבדה 395

שם הלקוח:	אורלוג רמלה
שם איתר דיגום:	שקד זוהר
כתובת האתר:	שקד זוהר
תאריך הדיגום:	28/7/20 מס סקר חוזר:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר_____	
מס' PID (סוג הנורה Ev 10.6):T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אורלוג האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת רתיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רגישות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער ספלם מי תהום:
נמ☐ בינ☐ עמ☐

זיהוי בק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדרך ב -מ' תמוך -ת'	תעד חריגות: 1. לא נשפרה בטופס מתאימה.2.לא התקבל או מולל במרק הזמן הנדרש.3.התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר	עפרת	ציאנידים				משמורת		*מס סידורי רץ (A,B)
IT10-21-6	3.0	11:57	5			0.4																Y37
IT10-22-6	0.5	12:21	5			122.7																Y38
IT10-22-6	3.0	12:22	5,32			254.7																Y39
IT10-22-6	3.0	12:24	5,32			166.7																Y40
IT10-22-6	3.0	12:25	5			13.7																Y41
IT10-21-5	0.5	12:27	5			6.4																Y42
IT10-21-5	1.0	12:28	5,32			77.7																Y43
K10-21-5	2.0	12:30	5,32			449.7																Y44
IT10-21-5	3.0	12:31	5			14.7																Y45
IT10-22-8	0.5	13:08	5			1.6																Y46
IT10-22-8	1.0	13:09	5			3.5																Y47
IT10-22-8	2.0	13:11	5,32			7.7																Y48

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ .מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנכונות הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד לתגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריסות קרקע מזוהמת או החשודה בזיהום רדיגום מוידא"
כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. : צנצנת עם נNO3 ; 3. ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת הסביבה מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
שעת נטילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה::395
שם הדוגם: מירן קרט
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 4 מתוך
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה ארשר ע"י המנכ"ל:
סמן האם סוף דר"ח (√)
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך
מעבדה: 395

שם הלקוח:	אחלאן קרא
שם אתר דיגום:	קרה קרב
כתובת האתר:	קרה קרב - קרן אריכא
תאריך הדיגום: 23/11/20	מס סקר ותזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 , תאריכ הכיול: 23/11/2020	
*התקבל ע"י: , תאריך: , חתימה: , שעה:	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*כדה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אחלאן האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
מלפון:
הערות לבדיקות הנדרשות: לצרכים המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת זהירות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתיק חלקים ממופס זה ללא אישור המעבדה:
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום: גבוה ☐ בינ ☐ נמ ☐

שם הנקודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדרג ב -מ' חמץ -ח'	תעד הוראות: 1. לא נשמרה בממ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באמון ממום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גרדל גריר	עופרת	ציאנידים				משמורת	*מס סידורי רץ (A,B)
949	0.5	13:17	5			4-8															
950	0.5	13:15	5			4.0															
951	1.0	13:16	5,37			119.8															
952	2.0	13:18	5,3112			250.8															
953	2.5	13:19	5			13.2															
954	0.5	13:20	5			5.0															
955	1.0	13:29	5			7.3															
956	2.0	13:30	5131			4.6															
957	2.5	13:31	5			6.5															
958	0.5	14:00	5			28															
959	1.0	14:05	5			0.2															
960	2.0	14:07	5			1.5															

חתימת הדוגם: , נמסר ע"י:
תאריך: , שעה:

משרדי KTE
שם המאחסן: מקום אחסון:
האחראי על מקום האחסון

החקבל במעבדה ע"י: חותמת + חתימה שעה :
תאריך: . *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תבאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום עריכת קרקע מזוהמת או החשודה בזיהום דיגום מודאי"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO_3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת וכוכית שקופה, 6. צנצנת וכוכית כהה, 7. בקבוק וכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות אז לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חותמת+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : GEOPROBE
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

COC - שרשרת משמורת

שם הפרויקט:		מספר הפרויקט:	
שם איש הקשר:		כתובת החברה:	
טלפון:		דוא"ל:	
כתובת לשליחת הדוחות:			
שם איש הקשר:			
טלפון:		דוא"ל:	

ISRAC
מעבדות מוסמכות
ISO/IEC 17025:2017
No. 395 מס'

שם המעבדה:			
כתובת המעבדה:			
תאריך קבלת הדוגמאות:			
שם איש הקשר במעבדה:			

שם הפרויקט:		מספר הפרויקט:	
כתובת האתר:			
שם איש הקשר:			
טלפון:		דוא"ל:	
כתובת לשליחת הדוחות:			
שם איש הקשר:			
טלפון:		דוא"ל:	

שם הפרויקט:		מספר הפרויקט:	
כתובת האתר:			
שם איש הקשר:			
טלפון:		דוא"ל:	
כתובת לשליחת הדוחות:			
שם איש הקשר:			
טלפון:		דוא"ל:	

דגימת מים – הגדרת מערכת אחזור

שם הפרויקט: [illegible]
מספר הפרויקט: 395
תאריך: 23/11/2020
שם איש הקשר: [illegible]
טלפון: [illegible]
דוא"ל: [illegible]
כתובת לשליחת הדוחות: [illegible]
שם איש הקשר: [illegible]
טלפון: [illegible]
דוא"ל: [illegible]

שם הפרויקט: KTE - F19
מספר הפרויקט: 5/8/2019
שם איש הקשר: [illegible]
טלפון: [illegible]
דוא"ל: [illegible]
כתובת לשליחת הדוחות: [illegible]
שם איש הקשר: [illegible]
טלפון: [illegible]
דוא"ל: [illegible]

שם הפרויקט: [illegible]
מספר הפרויקט: [illegible]

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ן טכנולוגיות.
מס' המסמכה::395
שם הדוגם: _____
חתימת הדוגם: _____
כתובת הארגון: המגינים 53 זכרון יעקב, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך _____
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח:-Geoprobe

דוגם מוסמך מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	אקרולד לטא
שם אתר דיגום:	אשכול 18-213
כתובת האתר:	אשכול 18-213
תאריך הדיגום:	23/7/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):T-114310 . תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____ . תאריך: _____ . חתימה: _____ . שעה: _____	

*בדה. ימולא במקרה שהדגימה שהדגימה במטרה לאדם שאינו בציג המע

שם המשלם: אקרולד לטא 1187 ואם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
מלפון: _____
הערות לבדיקות הנדרשות: _____ לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת רחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להתחיל הלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משטער מפלס מי תהום:
נמ☐ בי☐ עמ☐

*מס סידורי רץ (A,B)	משמורת		PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר	עפרית	ציאנידים					תאור חריגות: 1. לא נשמרה בטמפ' מתאימה.2.לא התקבל או טופל בפרק הזמן הנדרש.3.התקבל באפן פגום.	מדרך ב-'מ' חשף -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום. ע"פ בקשות מזמין העבודה
Y73			3.1																5	14:55	3.0	K11-17-6
Y74			1.2																5	14:58	0.5	K11-17-7
Y75			1.4																5	15:00	1.0	K11-17-7
Y76			1.8																5	15:05	2.0	K11-17-7
Y77			2.1																5	15:06	3.0	K11-17-7
Y78			1.2																5	15:09	0.5	K11-17-8
Y79			1.4																5	15:11	1.0	K11-17-8
Y80			2.9																5	15:13	2.0	K11-17-8
Y81			1.4																5	15:15	3.0	K11-17-8
Y82			0.4																5	15:17	0.5	K10-22-11
Y83			1.6																5	15:19	1.0	K10-22-11
Y84			0.6																5	15:25	2.0	K10-22-11

חתימת הדוגם _____ . נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימת _____ שעה : _____
תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום עריסות קרקע מזוהמת או החשודה בזיהום ודיגום מודאג"
כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1. : Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שטופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☑, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנת הסביבה מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: _____
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ סבטולוגיות.
פס' המסמכה:395
שם הדוגם: מיכל קוגלס
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך 395 מעבדה

דגימות קרקע – תיעוד ודרישות אנליזה
דף 6 מתוך
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח:-Geoprobe

שם הלקוח:	אחלה בית
שם אתר דיגום:	שדה רב
כתובת האתר:	שדה רב, נווה אבות
תאריך הדיגום:	05/11/2020 מס סקר חוזר:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ ממשר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה: Ev 10.6)T-114310_ תפוגת הכיול:23/11/2020	
*התקבל ע"י: _____. תאריך: _____. חתימה: _____. שעה: _____	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בוזה. ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המע

שם המשלם: אחלה
איש קשר לתשלום:
חברה:
טלפון:
הערות לאפיקות הדגימות:

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת רגישות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רסיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גרסה משוער מפלס מי תהום:
נמ☐ בינ☐ עמ☐

ייחוד נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מורכ ב -מ' חטף -ח'	תעד חריגות: 1. לא נשמרה בטמפ' מהאיטה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באופן פגום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגיר	עופרת	ציאנידים				משמורת		*מס סידורי רק (A,B)
KTO-22-T1	2.5	15:26	5			0.7																486
KTO-22-T2	0.5	15:28	5			2.5																486
KTO-22-T3	1.0	15:31	5			2.7																487
KTO-22-T4	2.0	15:35	5			3.6																488
KTO-22-T5	2.5	15:40	5,3M			1.U																489
KTO-22-T3	0.5	15:41	5			1.5																490
KTO-22-T3	1.0	15:45	5			2.3																491
KTO-22-T7	2.0	15:46	5			1.9																492
KTO-22-T3	2.5	15:50	5,3M			1.4																493
																						494

חתימת הדוגם _____. נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____. מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____. *תעד טמפ' בעת קבלה במעבדה:- _____
*באחריות המעבדה האנליטית.

עדים לנסירת הדוגמ
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמות או החשודה בזיהום ודיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1,: צנצנת עם HNO3 ; 3.ויילים,3.1, Nacl(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____. הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מנאריך: _____
שם מאשר דו"ח טופס המשמורת: (חותימה+ חותמת) _____ תאריך _____. השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____. תאריך סיום האחסון: _____ שעה: _____, תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת - COC

ארגון הדגם: ד"ר כ"ן טכנולוגיות
מס' הסכמה: 395
שם הדגם: [illegible]
חתימת הדגם: [illegible]
כתובת הארגון: המגינים 53 חיפה, 3324[illegible]
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנב"ל:
סמן האם טוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דגם מוסכם מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

שם הלקוח: [illegible]
שם אתר הדגם: [illegible]
כתובת האתר: [illegible]
תאריך הדגם: מס סוף דוח: 29/7/20
שם איש הקשר: [illegible]
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר [illegible]
מס' PID (סוג הנורה 10.6 :Ev) T-114310 תמונת הב: 33/11/2020 [illegible]
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ . שעה: _____

*בדה. יסולא במקרה שהדגימה נמסרה לאדם שאינו בציב המע

שם המשלם: [illegible]
איש קשר לתשלום: _____
חברה: _____
טלפון: _____
הערות לבדיקות הנדרשות: _____

האם הקרוזה בוצע ע"י קבלן משנה: (הקף בעיגול) כן לא
האם הדגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ACS
תוצאות המעבדה יועברו במייל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רסיבות

אין להשתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
נדגם משרד ממלא מי הדגם:
מע"מ [ ] בית [ ] עם [ ]

| מס' | שם סידורי רץ (A,B) | משמרת | | |

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות
מס' המסכה: 395
שם הדוגם: עידן קליין
חתימת הדוגם: _____
כתובת הארגון: המכרים 53 חיפה, 38265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד תדרישות אנליזה:
דף 2 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

דוגם מוסמך מעבדה 395

שם הלקוח:	אורנלוג
שם אתר דיגום:	קרית ביאליק
כתובת האתר:	שדרות ירושלים 30 קרית ביאליק
תאריך הדיגום:	מס סקר תחנה: 2020/11/23
שם איש הקשר:	
ייעוד הסקר: מגורים/ ממשל/ תעשייה/ חקלאות/ אחר	
מס' PID (סוג הנורה: Ev 10.6): T-414310	תמונת הכיול: 23/11/2020
*התקבל ע"י: _____	תאריך: _____ חתימה: _____ שעה: _____

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

*בדה- יסולא בפקורה שהדגימה נמסרה לאדם שאינו בעל המע

שם המעבדה האנליטית המבצעת את הבדיקות: ALS	אין להשתמש הלקים מטופס זה ללא אישור המעבדה
תוצאות המעבדה יועברו במייל:	הערה: טופס זה מתייחס רק לפרמטרים שנבדקו
תוצאות המעבדה יועברו בפקס:	נדגמו בין [ ] עם [ ]
רמת חדשות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל. בדיקות נדרשות + % רטיבות	

שם הנשלם: אורנלוג
איש קשר לנשלם: _____
חברה: _____
טלפון: _____
הוראות לבדיקות הנדרשות: _____

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לציטוט המעבדה האנליטית בלבד

מס' סידורי רץ (A,B)	משמורת														PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרים 6+	גרגל גרגר	עמיתת	ציאניידים					תאור הדיגום: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באפן פגום	מדיה ב-מ' חתוך -ח'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי נק' הדיגום, ע"פ בקשת מופיע המעבדה
Z13															2.4			X											5	10:31	0.5	K15-31-9
Z14															2.0														5	10:33	1.0	K15-31-9
Z15															2.2														5	10:35	2.0	K15-31-9
Z16															2.8			X											5	10:36	2.8	K15-31-9
Z17															10.1			X											5	11:15	0.5	K15-31-4
Z19															12.1														5	11:16	1.0	K15-31-4
Z 19															14.1														5	11:19	2.0	K15-31-4
Z20															3.5			X											5	11:21	3.0	K15-31-4
Z21															15.5			X											5	11:29	0.5	K15-31-5
Z22															1.2														5	11:30	1.0	K15-31-5
Z23															2.3														5	11:31	2.0	K15-31-5
Z24															4.2			X											5	11:35	3.0	K15-31-5

חתימת הדוגם _____ נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאסון: _____ מקום אחסון: _____
באחריות על מקום האחסון

התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה: _____
תאריך: _____ *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

עיון לצורכי הדגם
שם:
חתימה:

תנאים מטראולוגיים: (הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום ערימות קרקע מזוהמת או החשודה בזיהום דיגום מודגא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת עם HNO_3 ; 3. ויילים, 3.1. : Nacl (תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות), במידה וזוהו חריגות אנא לפרט: _____

שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: GeoProbe

תאריך תחילת האחסון: _____ שעה: _____ תאריך סיום האחסון: _____ שעה: _____, תנאי האחסון [הקף בעיגול] צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: גיל כ"ץ
חתימת הדוגם:
כתובת האתר: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
דוא"ל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)___
סוג מכשיר הקידוח: Geoprobe

דוגם מוסמך מעבדה 395

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

שם הלקוח:	אלקלעי
שם אתר דיגום:	גלה 27
כתובת האתר:	גלה 27, נס ציונה
תאריך הדיגום:	23/11/20 מס סקר חיזוי:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה :Ev 10.6) T-114310_ תאריך הכיול: 23/11/2020	
*התקבל ע"י: _____ תאריך: _____ חתימה: _____ שעה: _____	

*נבדק. יסולא במקרה שהדגימה נמסרה לאדם שאינו בציר המע

שם המשלם: אלקלעי
איש קשר לתשלום:
חברה:
טלפון:
הוראות למריצות הנדרשות: לציטוט המעבדה האנליטית בלבד

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
ואם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רשת זחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להשתמש בלקים מטופס זה ללא אישור המעבדה:
הערה: טופס זה מתייחס רק למריטים שנדגמו
טיבה משוער מפלס מי תהום:
נמוך ☐ בינוני ☐ עמוק ☐

מס' סידורי רץ (A,B)	משטרת															PID (ppm)	הערה חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הנדרש. 3. התקבל באמפן פגום.	מרחק ב-מ' חפור -מ'	כלי הדיגום	שעת הדיגום	עומק (מטר)	זיהוי גק' הדיגום, ע"פ בקשות מזמין העבודה
						ציאנידים	עופרת	גרגל גרגר	פרום 6+	pH	VOC	SVOC	ICP	TPH GRO	TPH DRO/ORO							
Z25													X			4.2			5	11:40	0.5	K15-54-4
Z26																6.8			5	11:41	1.0	K15 54-6
Z27																3.7			5	11:43	2.0	K15-54-4
Z28													X			3.4			5	11:45	3.0	K15-54-4
Z29													X			4.1			5	11:48	0.5	K15 54-7
Z30																4.1			5	11:51	1.0	K15 54-7
Z31																3.8			5	11:55	2.0	K15 54-7
Z32													X			1.7			5	11:56	3.0	K15 54-7
Z33													X			3.1			5	12:55	0.5	K15 54-5
Z34																1.1			5	12:56	1.0	K15 54-5
Z35																2.6			5	12:58	2.0	K15 54-5
Z36													X			2.0			5	12:59	3.0	K15 54-5

חתימת הדוגם _____ נמסר ע"י: _____
תאריך: _____ שעה: _____

משרדי KTE
שם המאחסן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתימת + חותמת _____ שעה: _____
תאריך: _____ *תנאי טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית

עדים לנסילת הדוגמ
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ושימות קרקע מזהמות או החשודה בזיהום חיגום מזוהא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. ; צנצנת עם HNO_3 ; 3.1. ויילים, 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (חרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לציין: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ק מתאריך: _____
שם מאשר דו"ח טופס המשגורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מונרם/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון הזמנ: ר"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הזמנ: ענקן קרנים
חתימת הזמנ: _____
כתובת הארגון: המגינים 53 חיפה 3326
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דגימות קרקע – תיעוד ודרישות אנליזה:
דף 4 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח: Geoprobe

דוגם מוסמך מעבדה 395

ISRAC רשות הלאומית להסמכת מעבדות ISO/IEC 17025:2017 מס' No. 395

שם הלקוח:	אקלים
שם אתר דיגום:	קב 929
כתובת האתר:	ז'ת יקב נוי אשל
תאריך הדיגום:	23/11/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה 10.6 Ev):T-114310 , תאמנה הכיול:23/11/2020	
*התקבל ע"י: _____ , תאריך: _____ , חתימה: _____ , שעה: _____	

*בדיג: יסולא במקרה שהדגימה נמסרה לאדם שאינו בעיג המע

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו בפיל: _____
תוצאות המעבדה יועברו בפקס: _____
רמת דחיפות קבלה אנליזות (הקף בעיגול): 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רמיטות

אין למחוק חלקים מטופס זה ללא אישור המעבדה
הנחיה: טופס זה מתייחס רק לפרטים שנרשמו
נדגם במשרד טפלם מי הדגם: כן ☐ לא ☐ עם ☐

שם המשלם: אקלים האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום: _____ האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה: _____
טלפון: _____
הנחיות למדיגת הדגימה: _____ לכתובת המעבדה האנליטית בלבד

דיתוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	שעת הדיגום	כלי הדיגום	מדגם ב-כ' חנף -ח'	תעד הערות: 1. לא נמסרה בטמפ' מהאמה.2.לא התקבל או טופל בפרק הזמן הדרוש.3.התקבל באפן פסם.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	פרום 6+	גרגל גרגר	עופרת	אזבסטים			משמורת		*מס' סידורי רק (A,B)
K15-S4-6	0.5	13:02	5			2.3			X												237
K15-S4-6	1.0	13:03	5			3.4															238
K15-S4-6	2.0	13:05	5			1.3															239
K15-S4-6	3.0	13:06	5			2.1			X												240
K11GW9	0.5	13:20	5			1.0	X		X												241
K11-GW-9	1.0	13:21	5			0.9															242
K11-GW-9	2.0	13:24	5			2.7															243
K11-GW-9	3.0	13:25	5,31			16.9	X			X	X	X									244
K11GW10	0.5	13:32	5			0.4	X		X												245
K11GW10	1.0	13:33	5			0.5															246
K11GW10	2.0	13:44	5			1.4															247
K11GW10	3.0	13:45	5			3.8	X														248

תחתמת הזגם _____ נמסר ע"י: _____
תאריך: _____ שעה: _____

משרד KTE
שם המאמתן: _____ מקום אחסון: _____
האחראי על מקום האחסון

התקבל במעבדה ע"י _____ חתמת + חתימה _____ שעה: _____
תאריך: _____ *תעד טמפ' בעת קבלה במעבדה: _____
*באחריות המעבדה האנליטית.

עדים לנטילת החזב
שם:
חתימה:

תנאים מטראולוגיים: (הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המשרדיות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירת, דיגום שרימת קרקע מזוהמת אר התשרדה בדיגום רדיגום מזורא"
כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר,2.1. צנצנת עם HNO3 ; 3.1,ויילים(תמיסת מלח), 3.2 ; מתנול. 3.3 ; קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כתה, 7. בקבוק זכוכית חום כתה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לפרט: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציור נטילת הדגמה: Geoprobe
תאריך תחילת האחסון: _____ שעה: _____ תאריך סיום האחסון: _____ שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות
מס' הסמכה: 395
שם הדוגם: מירן לוי
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@ktc.co.il

דגימות קרקע – תיעוד ודרישות אנליזה
דף 5 מתוך 5
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח: Geoprobe

דוגם מוסמך מעבדה: 395

ISRAC
רשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	אחוזת
שם אתר דיגום:	רמת גן
כתובת האתר:	רח' רבי עקיבא
תאריך הדיגום:	מס סקר חוזה: 29/7/20
שם איש הקשר:	
ייעוד הקידוח: מגורים/ מסחר/תעשייה/תקלות/ אחר	
מס' PID (סג הנורה Ev 10.6):T-114310 , תאמת הכיול:23/11/2020	
*התקבל ע"י: , תאריך: , חתימה: , שעה:	

*ברה: ימולא במקרה שהדגימה נמסרה לאדם שאינו בעל הסמ

שם המשלם: אחוזת האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר למשלם: האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:
טלפון:
הערות לבדיקות הנדרשות: לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: AGS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רשת רחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקה נדרשות + % רשימה

אין להשתיק הלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מותיחם רק לפריטים שנדגמו
נדגמו משאיר מפלם מי תהום: נמ כן עם

| מס' סידורי רץ (A.B) | משמרת | | |

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025 מס' 395
No. 395

דוגם מוסמך מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
	טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה	
	מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שם האתר: צפה הוק - לרי אסל תאריך דיגום: 29/7/20 שם הדוגם: שיר בוזגלו חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דיגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-31-9	0.5	9:49	חול גלי חולי חום	1.4		אין	אין	
K15-31-9	1.0	9:50	חול חום בהיר דקיק בהיר	0.3		אין	אין	
K15-31-9	2.0	9:53	חול חום בהיר - חול חום	0.2		אין	אין	
K15-31-9	3.0	9:54	חרסית שחורה - בקע אפור	1.8		אין	אין	
K15-37-6	0.5	10:10	חול חרסיתי בהיר	2.0		אין	אין	
K15-37-6	1.0	10:11	חול חרסיתי - בהיר	2.8		אין	אין	
K15-37-6	2.0	10:15	שכבה - חול בקע אפור ירוק	2.0		אין	אין	מסנן אחד מלא
K15-31-6	3.0	10:16	חול חרסיתי בהיר	1.4		אין	אין	
K15-31-7	0.5	10:21	חול חרסית כהה	1.4		אין	אין	
K15-31-7	1.0	10:22	חול חרסיתי בהיר	1.3		אין	אין	
K15-31-7	2.0	10:26	חרסיתי - כהה	1.2		אין	אין	
K15-31-7	2.20	10:28	חרסיתי כהה	1.1		אין	אין	הפסקה עם רכב.

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	28.1		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באוויר	0.0	
9:01	כיול באמצעות גז	99.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
	טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה	
	מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 2 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שם האתר: שדה דוד-עלי שרטל תאריך דיגום: 29/7/20 שם הדוגם: מירן קרוצ חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-31-8	0.5	10:31	חול מעלי - שחור - כבד	2.4		אין	יש	
K15-31-8	1.0	10:33	חול מעלי - שחור	2.0		אין	יש	
K15-31-8	2.0	10:35	חול חרסיתי מעט חלוקי	2.2		אין	יש	
K15-31-8	2.8	10:36	חול חרסיתי - מעט חצץ כורכר	2.8		אין	יש	
K15-31-4	0.5	11:15	חול מעלי - חולי - בהיר	10.1		אין	יש	
K15-31-4	1.0	11:16	חול מעלי - חולי - בהיר	12.1		אין	יש	
K15 31-4	2.0	11:19	חול חרסיתי - חולי	14.1		אין	יש	
K15-31-4	3.0	11:21	חול חרסיתי - חולי	3.5		אין	יש	
K15-31-5	0.5	11:28	חול ורוד-בהיר חלש	15.5		אין	יש	
K15-31-5	1.0	11:29	חול ורוד כהה-אדום מעלי	1.2		אין	יש	
K15-31-5	2.0	11:31	חול ורוד חרסיתי חלש	3.5		אין	יש	
K15-31-5	3.0	11:35	חול חרסיתי - בהיר	4.2		אין	יש	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/19	28.1		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באוויר	0.0	
9:07	כיול באמצעות גז	99.4	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שורץ	חתימה:
עמוד 3 מתוך 5		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה זק עין אשבול תאריך דיגום: 29/7/20 שם הדוגם: מיכל קוטלו חתימה:

מס' סקר חוזה: _____ . ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K15-54-4	0.5	11:40	חול, יבש-לח, בהיר	4.2		אין	אין	
K15-54-4	1.0	11:41	חול, יבש-לח, בהיר	6.8		אין	אין	
K15-54-4	2.0	11:43	חול, יבש-לח, בהיר	3.7		אין	אין	
K15-54-4	3.0	11:45	חול, יבש, בהיר	3.4		אין	אין	
K15-54-7	0.5	11:48	חול, יבש-לח, בהיר, לבוך	3.1		אין	אין	
K15-54-7	1.0	11:51	חול, יבש, בהיר, לח, לבוך	4.1		אין	אין	
K15-54-7	2.0	11:55	חול, יבש, בהיר, לח, לבוך	3.8		אין	אין	
K15-54-7	3.0	11:56	חול, יבש, בהיר, לח, לבוך	1.2		אין	אין	
K15-54-5	0.5	12:55	חול, בהיר, בקרבה לבוך + שאר שכבות עליון	3.1		אין	אין	
K15-54-5	1.0	12:56	חול, יבש, בהיר, דומה שכבה מעלה העומק	1.1		אין	אין	
K15-54-5	2.0	12:58	חול, עליון, בהיר, אפור, רטוב	2.6		אין	אין	
K15-54-5	3.0	12:59	חול, יבש, בהיר, לח	2.0		אין	אין	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	28.1		0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:01	כיול באמצעות גז	99.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
מס' No. 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
	טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה	
	מהדורה מס': 03		
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 4 מתוך 5		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: שדה יק נוה אלעזרי תאריך דיגום: 29/12/20 שם הדוגם: מירן קוטלר חתימה:

מס' סקר חוזה: _____ ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KT5-546	0.5	13:02	חול עם דבוקות עפר אפור	2.3		אין	יש	
KT5-546	1.0	13:03	חול עם דבוקות עפר אפור מעט	2.4		אין	יש	
KT5-546	2.0	13:05	חול בהיר, לח מאוד	1.3		אין	יש	
KT5-546	3.0	13:06	חול בהיר, לח מאוד	3.1		אין	יש	
KT1-GW-9	0.5	13:20	חול חרסיתי כהה עם דבוקות חומר טיפה	1.0		אין	יש	
KT1-GW-9	1.0	13:21	חול חרסיתי כהה עם דבוקות חומר טיפה			אין	יש	
KT1-GW-9	2.0	13:24	חול חרסיתי בהיר עם דבוקות חומר כהה	2.8		אין	יש	
KT1-GW-9	3.0	13:25	חול חרסיתי כהה עם דבוקות חומר כהה וחלוקי חרס	16.3		אין	יש	רית חרס, הארה נמוכה
K11 GW10	0.5	13:32	חול חרסיתי כהה עם חלוקי חרס	0.4		אין	יש	
K11 GW10	1.0	13:33	חול חרסיתי בהיר עם כתמים כהים	0.5		אין	יש	
K11 GW10	2.0	13:44	חול חרסיתי כהה עם חומר קהיר - דבוק	1.4		אין	יש	
K11 GW10	3.0	13:45	חול חרסיתי כהה עם דבוקות אפור	3.8		אין	יש	הארה נמוכה

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	28.1		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:09	כיול ב- באויר	0.0	
9:01	כיול באמצעות גז	99.4	√

- בצע הזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

דוגם מוסמך
מעבדה 395

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03		נכתב ע"י: אייל שוורץ	חתימה:
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:
עמוד 5 מתוך 5			

שם האתר: שדה זב תאריך דיגום: 29/7/20 שם הדוגם: מיכן זוהר חתימה:

מס' טקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
KTGW8	0.5	13:28	חול בגוון חום+ שכבת מילוי	0.6		אין	יש	
KTGW8	1.0	13:29	חול בגוון חום	0.4		אין	יש	
KTGW8	2.0	13:50	חול תרשובתי בגוון חום-בהיר	3.2		אין	יש	
KTGW8	3.0	13:51	חול חרסיתי בגוון אפור, ריח חריף	39.6		יש	יש	ריח חריף-הוצאה לאויר
KTGW11-11	0.5	14:45	חול חרסיתי בגוון אפור	6.6		אין	יש	
KTGW-11-11	1.0	14:46	חול חרסיתי בגוון כתום	6.8		אין	יש	
KTGW-11-11	2.0	14:48	חול חרסיתי בהיר, לח מאוד	6.8		אין	יש	
KTGW-11-11	3.0	14:49	חול חרסיתי בגוון אפור, ריח חריף	9.0		יש	יש	ריח חריף
KTGW11-12	0.5	14:51	חול חרסיתי בהיר, מעט שיבוץ אבנים	2.0		אין	יש	
KTGW11-12	1.0	14:52	חול חרסיתי חום בהיר	4.0		אין	יש	
KTGW11-12	2.0	14:54	חול חרסיתי, בהיר, לח מאוד	5.0		אין	יש	
KTGW11-12	3.0	14:56	חרסית אפורה, בגוון חום, לחה מאוד	4.8		אין	יש	

תאריך תפוגת הכיול	טמפ': °C(בתחילת היום)	טמפ': °C (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
7/14/24	28.1		0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: T-114310 תאריך ביצוע הכיול: 24.11.2019, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
9:00	כיול ב- באויר	0.0	
9:01	כיול באמצעות גז	99.4	√

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.