



Environment Testing

ANALYTICAL REPORT

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Laboratory Job ID: 460-267346-1
Client Project/Site: Yaffa Project

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Authorized for release by:
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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	This flag indicates the presumptive evidence of a compound.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Definitions/Glossary

Client: Montrose Environmental Solutions Inc
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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

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Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: Montrose Environmental Solutions Inc

Project: Yaffa Project

Report Number: 460-267346-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 10/12/2022 8:30 PM and 10/13/2022 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.9° C, 4.1° C, 4.2° C, 4.6° C and 4.8° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TCLP VOLATILE ORGANIC COMPOUNDS

Samples B-04-G (460-267346-1), B-05-G (460-267346-3), B-06-G (460-267346-5), B-07-G (460-267346-7) and B-08-G (460-267346-9) were analyzed for TCLP Volatile Organic Compounds in accordance with EPA SW-846 Method 8260D - TCLP/1311. The samples were leached on 10/15/2022 and analyzed on 10/17/2022.

Samples B-04-G (460-267346-1), B-05-G (460-267346-3), B-06-G (460-267346-5), B-07-G (460-267346-7) and B-08-G (460-267346-9) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-872654 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

No difficulties were encountered during the TCLP volatiles analysis.

All quality control parameters were within the acceptance limits.

1,4-Dioxane failed the recovery criteria low for LCS 460-872434/3. 1,4-Dioxane failed the recovery criteria low for LCS 460-872520/4. 1,4-Dioxane and TBA failed the recovery criteria low for LCS 460-872654/4. 1,4-Dioxane failed the recovery criteria low for LCSD 460-872434/4. 1,4-Dioxane failed the recovery criteria low for LCSD 460-872520/5. 1,4-Dioxane and TBA failed the recovery criteria low for LCSD 460-872654/5. Refer to the QC report for details.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-872654 recovered outside

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Laboratory: Eurofins Edison (Continued)

control limits for the following analytes: TBA and 1,4-Dioxane. These analytes were biased low in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples B-04-G (460-267346-1), B-05-G (460-267346-3), B-06-G (460-267346-5), B-07-G (460-267346-7) and B-08-G (460-267346-9) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 10/15/2022 and analyzed on 10/18/2022. Sample Test Blank (460-267346-11) was analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/14/2022.

Bromomethane failed the recovery criteria high for LCS 460-871872/3. Refer to the QC report for details.

Bromomethane failed the recovery criteria high for the MSD of sample 460-266860-4 in batch 460-871872.

Refer to the QC report for details.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

The continuing calibration verification (CCV) analyzed in batch 460-871872 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane and Dichlorodifluoromethane (biased low); Vinyl chloride (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872655 recovered outside control limits for the following analytes: Carbon disulfide, Bromoform, Chlorodibromomethane and Carbon tetrachloride. These analytes were biased high in the LCS/LCSD, the data have been flagged and reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872776 recovered outside control limits for the following analytes: Dichlorobromomethane, Carbon disulfide, Chlorodibromomethane, Bromoform, 2-Hexanone, 1,1,1-Trichloroethane and Carbon tetrachloride. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following sample was outside of acceptance limits: B-05-G (460-267346-3), B-07-G (460-267346-7) and B-08-G (460-267346-9). The corresponding target analyte 1,4-Dioxane was not detected. Re-analysis was not performed.

The continuing calibration verification (CCV) associated with batch 460-872655 recovered above the upper control limit for Dichlorobromomethane, Chlorodibromomethane, Bromoform, Acrylonitrile and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-872776 recovered above the upper control limit for 1,1-Dichloroethene, 1,1,1-Trichloroethane, Carbon tetrachloride, Bromoform and 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

TCLP CHLORINATED HERBICIDES

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for TCLP chlorinated herbicides in accordance with EPA SW-846 Methods 1311/ 8151A. The samples were leached on 10/15/2022, prepared on 10/16/2022 and analyzed on 10/17/2022.

No difficulties were encountered during the TCLP herbicides analysis.

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Laboratory: Eurofins Edison (Continued)

All quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for TCLP semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E - TCLP/1311. The samples were leached on 10/15/2022, prepared on 10/16/2022 and analyzed on 10/16/2022 and 10/17/2022.

No difficulties were encountered during the TCLP semivolatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 10/13/2022 and analyzed on 10/14/2022.

The continuing calibration verification (CCV) analyzed in batch 460-871889 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-872180 was outside the method criteria for the following analyte(s): 4,6-Dinitro-2-methylphenol, Benzaldehyde and 4-Nitrophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-872270 was outside the method criteria for the following analyte(s): < 2,4-Dinitrophenol, 2-Nitrophenol, Benzaldehyde and Indeno[1,2,3-cd]pyrene>. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: B-13-C (460-267459-10) and B-01-C (460-267459-12). These results have been reported and qualified.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

TCLP PESTICIDES

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for TCLP pesticides in accordance with EPA SW-846 Methods 1311/ 8081B. The samples were leached on 10/15/2022, prepared on 10/16/2022 and analyzed on 10/17/2022.

No difficulties were encountered during the TCLP pesticides analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 10/13/2022 and analyzed on 10/14/2022.

The continuing calibration verification (CCV) associated with batch 460-871859 recovered above the upper control limit for beta-BHC on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 460-871859/3).

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Laboratory: Eurofins Edison (Continued)

The %RPD between the primary and confirmation column exceeded 40% for Chlordane (technical) for the following sample: B-08-C (460-267346-10). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

The continuing calibration verification (CCV) associated with batch 460-872514 recovered above the upper control limit for Methoxychlor on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 460-872514/7).

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/13/2022 and analyzed on 10/14/2022.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-04-C (460-267346-2). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-07-C (460-267346-8). Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared and analyzed on 10/14/2022.

The laboratory control sample (LCS) for preparation batch 460-872599 and analytical batch 460-872764 recovered outside control limits for the following analytes: 2,4-D, Silvex (2,4,5-TP) and 2,4,5-T. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-872599 and analytical batch 460-872764 recovered outside control limits for the following analytes: 2,4-D, Silvex (2,4,5-TP) and 2,4,5-T.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

EXTRACTABLE PETROLEUM HYDROCARBONS (EPH)

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for extractable petroleum hydrocarbons (EPH) in accordance with NJDEP EPH. The samples were prepared on 10/14/2022 and analyzed on 10/15/2022.

1-Chlorooctadecane failed the surrogate recovery criteria high for LCS 460-871930/2-A. 1-Chlorooctadecane failed the surrogate recovery criteria high for LCSD 460-871930/3-A. Refer to the QC report for details.

Surrogate 1-Chlorooctadecane recovery for the following sample was outside control limits (biased high): B-10-C (460-267459-4).

Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed

No other difficulties were encountered during the NJEPH analysis.

All other quality control parameters were within the acceptance limits.

METALS - TCLP

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Metals - TCLP in accordance with EPA SW-846 Method 6020B - TCLP/1311. The samples were leached on 10/15/2022,

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prepared on 10/16/2022 and analyzed on 10/17/2022.

No difficulties were encountered during the TCLP Metals analysis.

All quality control parameters were within the acceptance limits.

METALS - TOTAL (ICP/MS)

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared on 10/16/2022 and analyzed on 10/17/2022 and 10/18/2022.

Several analytes failed the recovery criteria low for the MS of sample B-04-CMS (460-267346-2) in batch 460-872642. Copper and Potassium failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MS of sample 460-267366-2 in batch 460-872403. Aluminum and Manganese failed the recovery criteria high.

Refer to the QC report for details.

Arsenic and Copper exceeded the RPD limit for the duplicate of sample B-04-CDU (460-267346-2). Barium, Selenium, Silver and Sodium exceeded the RPD limit for the duplicate of sample 460-267366-2. Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY - TCLP

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Mercury - TCLP in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 10/15/2022, and prepared and analyzed on 10/18/2022.

No difficulties were encountered during the TCLP Hg analysis.

All quality control parameters were within the acceptance limits.

MERCURY - TOTAL

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Mercury - Total in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 10/14/2022.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

IGNITABILITY

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Ignitability in accordance with EPA SW-846 Method 1030. The samples were analyzed on 10/18/2022.

No difficulties were encountered during the Ignitability analysis.

All quality control parameters were within the acceptance limits.

TOTAL SOLIDS

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Total Solids in accordance with SM 2540G. The samples were analyzed on 10/17/2022.

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No difficulties were encountered during the TS analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared on 10/15/2022 and analyzed on 10/16/2022.

Cyanide, Total failed the recovery criteria high for the MS of sample 460-267366-2 in batch 460-872251.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

REACTIVE CYANIDE

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for reactive cyanide in accordance with EPA SW-846 Method 7.3.3/9014. The samples were prepared and analyzed on 10/18/2022.

No difficulties were encountered during the reactive cyanide analysis.

All quality control parameters were within the acceptance limits.

REACTIVE SULFIDE

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for reactive sulfide in accordance with EPA SW-846 Method 7.3.4/9034. The samples were prepared and analyzed on 10/18/2022.

Sulfide, Reactive failed the recovery criteria low for the MS of sample B-04-CMS (460-267346-2) in batch 460-872675.

Sulfide, Reactive failed the recovery criteria low for the MSD of sample B-04-CMSD (460-267346-2) in batch 460-872675.

Refer to the QC report for details.

No other difficulties were encountered during the reactive sulfide analysis.

All other quality control parameters were within the acceptance limits.

CORROSIVITY (PH)

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for corrosivity (pH) in accordance with EPA SW-846 Method 9045D. The samples were analyzed on 10/18/2022.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8), B-08-C (460-267346-10), (460-266725-E-3) and (460-266725-E-3 DU).

The following samples were not filtered within 15 minutes of sample collection as required by the method: B-09-C (460-267459-2), B-10-C (460-267459-4), B-11-C (460-267459-6), B-12-C (460-267459-8), B-13-C (460-267459-10), B-01-C (460-267459-12), (200-65234-A-1) and (200-65234-A-1 DU). The sample(s) was filtered prior to analysis at the laboratory, and the results have been reported.

Case Narrative

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Job ID: 460-267346-1 (Continued)

Laboratory: Eurofins Edison (Continued)

No other difficulties were encountered during the corrosivity (pH) analysis.

All other quality control parameters were within the acceptance limits.

PAINT FILTER

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for Paint Filter in accordance with EPA SW-846 Method 9095B. The samples were analyzed on 10/17/2022.

No difficulties were encountered during the Free Liquids analysis.

All quality control parameters were within the acceptance limits.

D422 GRAIN SIZE

Samples B-04-C (460-267346-2), B-05-C (460-267346-4), B-06-C (460-267346-6), B-07-C (460-267346-8) and B-08-C (460-267346-10) were analyzed for D422 grain size in accordance with D422 grain size. The samples were analyzed on 11/01/2022.

No difficulties were encountered during the D422 grain size analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples B-04-G (460-267346-1), B-04-C (460-267346-2), B-05-G (460-267346-3), B-05-C (460-267346-4), B-06-G (460-267346-5), B-06-C (460-267346-6), B-07-G (460-267346-7), B-07-C (460-267346-8), B-08-G (460-267346-9) and B-08-C (460-267346-10) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/14/2022 and 10/16/2022.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.



Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-G

Lab Sample ID: 460-267346-1

No Detections.

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.12	J	0.38	0.0066	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.057	J	0.38	0.011	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.054	J	0.38	0.011	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.15	J	0.38	0.011	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.13	J	0.38	0.013	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.20	J	0.38	0.011	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	1.9		0.38	0.0067	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.43		0.38	0.012	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.18	J	0.38	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	2.3		0.38	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	1.8		0.38	0.0094	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	1.0		0.038	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	1.0		0.38	0.0064	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	1.1		0.038	0.0098	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.38		0.038	0.0074	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.88		0.038	0.010	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.60		0.038	0.015	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.17		0.038	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.47		0.38	0.011	mg/Kg	1	✳	8270E	Total/NA
1,1'-Biphenyl	0.017	J	0.38	0.013	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDT	0.046		0.0076	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.18		0.076	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	160		16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.15	J	0.38	0.084	mg/Kg	1	✳	6020B	Total/NA
Aluminum	16500		19.0	5.2	mg/Kg	1	✳	6020B	Total/NA
Arsenic	7.1		0.95	0.098	mg/Kg	1	✳	6020B	Total/NA
Barium	104		1.9	0.14	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.64		0.38	0.054	mg/Kg	1	✳	6020B	Total/NA
Calcium	6160		94.9	16.8	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.30	J	0.95	0.11	mg/Kg	1	✳	6020B	Total/NA
Cobalt	8.2		1.9	0.14	mg/Kg	1	✳	6020B	Total/NA
Chromium	26.1		1.9	0.86	mg/Kg	1	✳	6020B	Total/NA
Copper	30.2	F1	1.9	0.35	mg/Kg	1	✳	6020B	Total/NA
Iron	22600		56.9	19.2	mg/Kg	1	✳	6020B	Total/NA
Potassium	1820		94.9	15.4	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3480		94.9	9.7	mg/Kg	1	✳	6020B	Total/NA
Manganese	286		3.8	0.38	mg/Kg	1	✳	6020B	Total/NA
Sodium	92.7	J	94.9	43.4	mg/Kg	1	✳	6020B	Total/NA
Nickel	16.7		1.9	0.45	mg/Kg	1	✳	6020B	Total/NA
Lead	165		0.57	0.19	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.90	J	0.95	0.14	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.49	J	1.2	0.12	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.16	J	0.38	0.039	mg/Kg	1	✳	6020B	Total/NA
Vanadium	34.7		1.9	0.20	mg/Kg	1	✳	6020B	Total/NA
Zinc	117		7.6	2.9	mg/Kg	1	✳	6020B	Total/NA
Barium	0.63		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0040	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.16		0.012	0.0084	mg/L	10		6020B	TCLP

This Detection Summary does not include radiochemical test results.

Euromins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C (Continued)

Lab Sample ID: 460-267346-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.35		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.16	J	0.26	0.14	mg/L	1	☼	9012B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.2	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.3	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.6		0.10	0.10	%	1		SM 2540G	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	94.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	89.9				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	85.4				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	78.5				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	68.3				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	56.6				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	50.9				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	50.5				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	48.9				% Finer	1		D422	Total/NA
Clay	17.5				%	1		D422	Total/NA
Gravel	10.1				%	1		D422	Total/NA
Coarse Sand	4.5				%	1		D422	Total/NA
Fine Sand	19.4				%	1		D422	Total/NA
Medium Sand	17.1				%	1		D422	Total/NA
Sand	41.0				%	1		D422	Total/NA
Silt	31.4				%	1		D422	Total/NA

Client Sample ID: B-05-G

Lab Sample ID: 460-267346-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.0026		0.0012	0.00033	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.048	J	0.37	0.0065	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.024	J	0.37	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.031	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.065	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.053	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.067	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.95		0.37	0.0066	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.19	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.096	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.3		0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.1		0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.65		0.037	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.66		0.37	0.0063	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.75		0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.31		0.037	0.0074	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.56		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.34		0.037	0.015	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-C (Continued)

Lab Sample ID: 460-267346-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	0.097		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.26	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDT	0.011		0.0076	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.086		0.076	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	130		16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.14	J	0.37	0.083	mg/Kg	1	✳	6020B	Total/NA
Aluminum	12800		18.6	5.1	mg/Kg	1	✳	6020B	Total/NA
Arsenic	6.4		0.93	0.096	mg/Kg	1	✳	6020B	Total/NA
Barium	75.4		1.9	0.14	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.52		0.37	0.053	mg/Kg	1	✳	6020B	Total/NA
Calcium	7110		93.1	16.5	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.52	J	0.93	0.11	mg/Kg	1	✳	6020B	Total/NA
Cobalt	6.6		1.9	0.14	mg/Kg	1	✳	6020B	Total/NA
Chromium	24.0		1.9	0.85	mg/Kg	1	✳	6020B	Total/NA
Copper	28.0		1.9	0.34	mg/Kg	1	✳	6020B	Total/NA
Iron	20500		55.9	18.8	mg/Kg	1	✳	6020B	Total/NA
Potassium	1280		93.1	15.1	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3070		93.1	9.5	mg/Kg	1	✳	6020B	Total/NA
Manganese	228		3.7	0.38	mg/Kg	1	✳	6020B	Total/NA
Sodium	91.2	J	93.1	42.6	mg/Kg	1	✳	6020B	Total/NA
Nickel	12.5		1.9	0.44	mg/Kg	1	✳	6020B	Total/NA
Lead	141		0.56	0.19	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.87	J	0.93	0.14	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.44	J	1.2	0.12	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.12	J	0.37	0.038	mg/Kg	1	✳	6020B	Total/NA
Vanadium	30.9		1.9	0.19	mg/Kg	1	✳	6020B	Total/NA
Zinc	263		7.4	2.8	mg/Kg	1	✳	6020B	Total/NA
Barium	0.60		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0053	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.46		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.41		0.017	0.0081	mg/Kg	1	✳	7471B	Total/NA
Cyanide, Total	0.19	J	0.27	0.15	mg/L	1	✳	9012B	Total/NA
pH	8.4	HF			SU	1		9045D	Total/NA
Temperature	21.1	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.4	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.8		0.10	0.10	%	1		SM 2540G	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	84.3				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	74.6				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	70.3				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	64.8				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	56.0				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	45.2				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	40.2				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	39.9				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	38.4				% Finer	1		D422	Total/NA
Clay	16.9				%	1		D422	Total/NA
Gravel	25.4				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-C (Continued)

Lab Sample ID: 460-267346-4

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Coarse Sand	4.3				%	1		D422	Total/NA
Fine Sand	17.6				%	1		D422	Total/NA
Medium Sand	14.3				%	1		D422	Total/NA
Sand	36.2				%	1		D422	Total/NA
Silt	21.5				%	1		D422	Total/NA

Client Sample ID: B-06-G

Lab Sample ID: 460-267346-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00055	J	0.0012	0.00032	mg/Kg	1	✳	8260D	Total/NA

Client Sample ID: B-06-C

Lab Sample ID: 460-267346-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.053	J	0.37	0.0064	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.023	J	0.37	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.032	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.090	J	0.37	0.010	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.069	J	0.37	0.012	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.11	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	1.1		0.37	0.0065	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.26	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.11	J	0.37	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	1.5		0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	1.2		0.37	0.0092	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.72		0.037	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.72		0.37	0.0062	mg/Kg	1	✳	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.023	J	0.37	0.019	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	0.84		0.037	0.0095	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.37		0.037	0.0072	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.63		0.037	0.0098	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.37		0.037	0.014	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.10		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.28	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDD	0.0025	J	0.0075	0.0013	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.017		0.0075	0.0014	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	130		16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.12	J	0.43	0.095	mg/Kg	1	✳	6020B	Total/NA
Aluminum	11000		21.3	5.8	mg/Kg	1	✳	6020B	Total/NA
Arsenic	6.0		1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Barium	81.8		2.1	0.15	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.64		0.43	0.061	mg/Kg	1	✳	6020B	Total/NA
Calcium	6290		106	18.8	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.31	J	1.1	0.12	mg/Kg	1	✳	6020B	Total/NA
Cobalt	8.8		2.1	0.16	mg/Kg	1	✳	6020B	Total/NA
Chromium	22.2		2.1	0.97	mg/Kg	1	✳	6020B	Total/NA
Copper	27.5		2.1	0.39	mg/Kg	1	✳	6020B	Total/NA
Iron	20200		63.8	21.5	mg/Kg	1	✳	6020B	Total/NA
Potassium	1710		106	17.2	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3720		106	10.8	mg/Kg	1	✳	6020B	Total/NA
Manganese	272		4.3	0.43	mg/Kg	1	✳	6020B	Total/NA
Sodium	115		106	48.6	mg/Kg	1	✳	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C (Continued)

Lab Sample ID: 460-267346-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	14.2		2.1	0.50	mg/Kg	1	☼	6020B	Total/NA
Lead	113		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.15	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.3		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	104		8.5	3.2	mg/Kg	1	☼	6020B	Total/NA
Barium	0.56		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0042	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.17		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.38		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.3	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.9		0.10	0.10	%	1		SM 2540G	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	98.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	90.2				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	84.5				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	78.5				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	68.9				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	55.4				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	48.7				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	48.2				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	46.1				% Finer	1		D422	Total/NA
Clay	19.5				%	1		D422	Total/NA
Gravel	9.8				%	1		D422	Total/NA
Coarse Sand	5.7				%	1		D422	Total/NA
Fine Sand	22.8				%	1		D422	Total/NA
Medium Sand	15.6				%	1		D422	Total/NA
Sand	44.1				%	1		D422	Total/NA
Silt	26.6				%	1		D422	Total/NA

Client Sample ID: B-07-G

Lab Sample ID: 460-267346-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00080	J	0.0011	0.00029	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: B-07-C

Lab Sample ID: 460-267346-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.081	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.034	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.051	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.11	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.097	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.14	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.4	J	0.38	0.0066	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.34	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C (Continued)

Lab Sample ID: 460-267346-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbazole	0.15	J	0.38	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	1.9		0.38	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	1.5		0.38	0.0094	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.88		0.038	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.85		0.38	0.0064	mg/Kg	1	✳	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.021	J	0.38	0.020	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	1.0		0.038	0.0097	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.43		0.038	0.0074	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.74		0.038	0.010	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.43		0.038	0.015	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.13		0.038	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.33	J	0.38	0.011	mg/Kg	1	✳	8270E	Total/NA
1,1'-Biphenyl	0.015	J	0.38	0.013	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDT	0.020		0.0076	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.12		0.076	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	160		16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.18	J	0.35	0.077	mg/Kg	1	✳	6020B	Total/NA
Aluminum	12000		17.4	4.8	mg/Kg	1	✳	6020B	Total/NA
Arsenic	5.6		0.87	0.090	mg/Kg	1	✳	6020B	Total/NA
Barium	81.2		1.7	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.55		0.35	0.050	mg/Kg	1	✳	6020B	Total/NA
Calcium	8030		87.0	15.4	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.26	J	0.87	0.098	mg/Kg	1	✳	6020B	Total/NA
Cobalt	7.7		1.7	0.13	mg/Kg	1	✳	6020B	Total/NA
Chromium	23.0		1.7	0.79	mg/Kg	1	✳	6020B	Total/NA
Copper	26.1		1.7	0.32	mg/Kg	1	✳	6020B	Total/NA
Iron	19700		52.2	17.6	mg/Kg	1	✳	6020B	Total/NA
Potassium	1590		87.0	14.1	mg/Kg	1	✳	6020B	Total/NA
Magnesium	4080		87.0	8.9	mg/Kg	1	✳	6020B	Total/NA
Manganese	259		3.5	0.35	mg/Kg	1	✳	6020B	Total/NA
Sodium	113		87.0	39.8	mg/Kg	1	✳	6020B	Total/NA
Nickel	13.0		1.7	0.41	mg/Kg	1	✳	6020B	Total/NA
Lead	116		0.52	0.17	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.63	J	0.87	0.13	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.40	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.14	J	0.35	0.036	mg/Kg	1	✳	6020B	Total/NA
Vanadium	28.0		1.7	0.18	mg/Kg	1	✳	6020B	Total/NA
Zinc	111		7.0	2.7	mg/Kg	1	✳	6020B	Total/NA
Barium	0.51		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0048	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.20		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.25		0.019	0.0088	mg/Kg	1	✳	7471B	Total/NA
pH	8.2	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.2	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.4		0.10	0.10	%	1		SM 2540G	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	92.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C (Continued)

Lab Sample ID: 460-267346-8

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
4.75 mm (Sieve Size #4)	88.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	82.9				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	76.6				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	67.8				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	53.7				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	46.8				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	46.3				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	44.8				% Finer	1		D422	Total/NA
Clay	18.1				%	1		D422	Total/NA
Gravel	12.0				%	1		D422	Total/NA
Coarse Sand	5.1				%	1		D422	Total/NA
Fine Sand	23.0				%	1		D422	Total/NA
Medium Sand	15.1				%	1		D422	Total/NA
Sand	43.2				%	1		D422	Total/NA
Silt	26.7				%	1		D422	Total/NA

Client Sample ID: B-08-G

Lab Sample ID: 460-267346-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.22		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0020		0.0012	0.00031	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0053	J	0.0059	0.00043	mg/Kg	1	☼	8260D	Total/NA
TBA	0.016		0.012	0.0092	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.044	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.021	J	0.37	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.028	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.079	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.060	J	0.37	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.090	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.98		0.37	0.0065	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.22	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.12	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.4		0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.1		0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.67		0.037	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.65		0.37	0.0063	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.021	J	0.37	0.020	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.79		0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.30		0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.59		0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.35		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.099		0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.27	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.010		0.0075	0.0014	mg/Kg	1	☼	8081B	Total/NA
Chlordane (technical)	0.059	J p	0.075	0.018	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	150		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Silver	0.096	J	0.34	0.075	mg/Kg	1	☼	6020B	Total/NA
Aluminum	8930		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C (Continued)

Lab Sample ID: 460-267346-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.1		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	55.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.53		0.34	0.048	mg/Kg	1	☼	6020B	Total/NA
Calcium	6630		84.0	14.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.28	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.0		1.7	0.76	mg/Kg	1	☼	6020B	Total/NA
Copper	28.6		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	16100		50.4	17.0	mg/Kg	1	☼	6020B	Total/NA
Potassium	1190		84.0	13.6	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2570		84.0	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	192		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Sodium	74.0	J	84.0	38.4	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.1		1.7	0.39	mg/Kg	1	☼	6020B	Total/NA
Lead	87.5		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.68	J	0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.30	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.091	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.9		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	86.5		6.7	2.6	mg/Kg	1	☼	6020B	Total/NA
Barium	0.53		0.040	0.0091	mg/L	10		6020B	TCLP
Lead	0.23		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.32		0.019	0.0090	mg/Kg	1	☼	7471B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.3	HF			SU	1		9045D	Total/NA
Total Volatile Solids	1.9		0.10	0.10	%	1		SM 2540G	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	98.8				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	95.3				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	89.3				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	83.3				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	74.4				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	55.9				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	48.5				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	48.0				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	46.6				% Finer	1		D422	Total/NA
Clay	14.9				%	1		D422	Total/NA
Gravel	4.7				%	1		D422	Total/NA
Coarse Sand	6.0				%	1		D422	Total/NA
Fine Sand	27.8				%	1		D422	Total/NA
Medium Sand	14.9				%	1		D422	Total/NA
Sand	48.7				%	1		D422	Total/NA
Silt	31.7				%	1		D422	Total/NA

Client Sample ID: Test Blank

Lab Sample ID: 460-267346-11

No Detections.

This Detection Summary does not include radiochemical test results.

Euromins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-G

Lab Sample ID: 460-267459-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0067		0.0056	0.0053	mg/Kg	1	✳	8260D	Total/NA

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.047	J	0.36	0.0063	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.060	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.072	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.064	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.048	J	0.36	0.012	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.080	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	0.83		0.36	0.0064	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.21	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.091	J	0.36	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	1.3		0.36	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	1.1		0.36	0.0091	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.70		0.036	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.59		0.36	0.0062	mg/Kg	1	✳	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.083	J	0.36	0.019	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	0.81		0.036	0.0094	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.29		0.036	0.0071	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.61		0.036	0.0097	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.44		0.036	0.014	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.11		0.036	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.32	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDT	0.0094		0.0074	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.054	J	0.074	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	160		15	15	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.15	J	0.34	0.075	mg/Kg	1	✳	6020B	Total/NA
Aluminum	10200		16.8	4.6	mg/Kg	1	✳	6020B	Total/NA
Arsenic	6.2		0.84	0.087	mg/Kg	1	✳	6020B	Total/NA
Barium	84.6		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.54		0.34	0.048	mg/Kg	1	✳	6020B	Total/NA
Calcium	7160		84.2	14.9	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.42	J	0.84	0.095	mg/Kg	1	✳	6020B	Total/NA
Cobalt	8.2		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Chromium	22.1		1.7	0.76	mg/Kg	1	✳	6020B	Total/NA
Copper	45.9		1.7	0.31	mg/Kg	1	✳	6020B	Total/NA
Iron	18600		50.5	17.0	mg/Kg	1	✳	6020B	Total/NA
Potassium	1330		84.2	13.6	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3040		84.2	8.6	mg/Kg	1	✳	6020B	Total/NA
Manganese	284		3.4	0.34	mg/Kg	1	✳	6020B	Total/NA
Sodium	100		84.2	38.5	mg/Kg	1	✳	6020B	Total/NA
Nickel	12.8		1.7	0.40	mg/Kg	1	✳	6020B	Total/NA
Lead	223		0.50	0.17	mg/Kg	1	✳	6020B	Total/NA
Antimony	1.1		0.84	0.12	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.47	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.13	J	0.34	0.035	mg/Kg	1	✳	6020B	Total/NA
Vanadium	26.5		1.7	0.17	mg/Kg	1	✳	6020B	Total/NA
Zinc	191		6.7	2.6	mg/Kg	1	✳	6020B	Total/NA
Barium	0.55		0.040	0.0091	mg/L	10		6020B	TCLP

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C (Continued)

Lab Sample ID: 460-267459-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0054	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.29		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.63		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.31		0.26	0.14	mg/Kg	1	☼	9012B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.9	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.3	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.4		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	5.9				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	52.4				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	7.0				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	17.0				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	28.4				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	41.7				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	99.3				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	94.1				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	87.1				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	80.4				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	70.1				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	58.3				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	53.4				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	49.4				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	41.7				% Passing	1		D422	Total/NA

Client Sample ID: B-10-G

Lab Sample ID: 460-267459-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00052	J	0.00085	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.058	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.031	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.057	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.073	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.061	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.082	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
N-Nitrosodiphenylamine	0.037	J	0.36	0.029	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.0		0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.29	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.11	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.6		0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.3		0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.80		0.036	0.012	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.66		0.36	0.0060	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.022	J	0.36	0.019	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C (Continued)

Lab Sample ID: 460-267459-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.91		0.036	0.0092	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.43		0.036	0.0070	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.69		0.036	0.0095	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.51		0.036	0.014	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.091		0.036	0.015	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.33	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDT	0.0097		0.0073	0.0013	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	310		15	15	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.12	J	0.33	0.073	mg/Kg	1	✳	6020B	Total/NA
Aluminum	10000		16.4	4.5	mg/Kg	1	✳	6020B	Total/NA
Arsenic	5.9		0.82	0.085	mg/Kg	1	✳	6020B	Total/NA
Barium	78.8		1.6	0.12	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.54		0.33	0.047	mg/Kg	1	✳	6020B	Total/NA
Calcium	7240		82.2	14.5	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.32	J	0.82	0.093	mg/Kg	1	✳	6020B	Total/NA
Cobalt	8.3		1.6	0.12	mg/Kg	1	✳	6020B	Total/NA
Chromium	20.3		1.6	0.75	mg/Kg	1	✳	6020B	Total/NA
Copper	36.9		1.6	0.30	mg/Kg	1	✳	6020B	Total/NA
Iron	18400		49.3	16.6	mg/Kg	1	✳	6020B	Total/NA
Potassium	1170		82.2	13.3	mg/Kg	1	✳	6020B	Total/NA
Magnesium	2800		82.2	8.4	mg/Kg	1	✳	6020B	Total/NA
Manganese	316		3.3	0.33	mg/Kg	1	✳	6020B	Total/NA
Sodium	98.0		82.2	37.5	mg/Kg	1	✳	6020B	Total/NA
Nickel	13.2		1.6	0.39	mg/Kg	1	✳	6020B	Total/NA
Lead	129		0.49	0.16	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.91		0.82	0.12	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.37	J	1.0	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.12	J	0.33	0.034	mg/Kg	1	✳	6020B	Total/NA
Vanadium	25.3		1.6	0.17	mg/Kg	1	✳	6020B	Total/NA
Zinc	123		6.6	2.5	mg/Kg	1	✳	6020B	Total/NA
Barium	0.57		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0043	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.15		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.45		0.018	0.0087	mg/Kg	1	✳	7471B	Total/NA
Cyanide, Total	0.18	J	0.22	0.12	mg/Kg	1	✳	9012B	Total/NA
pH	8.2	HF			SU	1		9045D	Total/NA
Temperature	22.0	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.2	HF			SU	1		9045D	Total/NA
Total Volatile Solids	1.9		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	3.2				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	51.4				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	5.6				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	17.9				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	27.9				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	45.4				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	99.4				% Passing	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C (Continued)

Lab Sample ID: 460-267459-4

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Sieve Size #4 - Percent Finer	96.8				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	91.2				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	84.1				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	73.3				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	61.9				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	56.5				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	53.7				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	45.4				% Passing	1		D422	Total/NA

Client Sample ID: B-11-G

Lab Sample ID: 460-267459-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	0.0011		0.00090	0.00037	mg/Kg	1	✳	8260D	Total/NA

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.029	J	0.37	0.0065	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.017	J	0.37	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.036	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.039	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.026	J	0.37	0.012	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.039	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	0.45		0.37	0.0066	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.13	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.055	J	0.37	0.014	mg/Kg	1	✳	8270E	Total/NA
Di-n-butyl phthalate	0.015	J	0.37	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	0.86		0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	0.75		0.37	0.0093	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.49		0.037	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.42		0.37	0.0063	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	0.58		0.037	0.0097	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.28		0.037	0.0073	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.44		0.037	0.010	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.35		0.037	0.015	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.072		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.23	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDT	0.0041	J	0.0076	0.0014	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	81		16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.12	J	0.36	0.081	mg/Kg	1	✳	6020B	Total/NA
Aluminum	9480		18.2	5.0	mg/Kg	1	✳	6020B	Total/NA
Arsenic	5.2		0.91	0.094	mg/Kg	1	✳	6020B	Total/NA
Barium	59.0		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.54		0.36	0.052	mg/Kg	1	✳	6020B	Total/NA
Calcium	4780		91.0	16.1	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.25	J	0.91	0.10	mg/Kg	1	✳	6020B	Total/NA
Cobalt	6.7		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Chromium	19.7		1.8	0.83	mg/Kg	1	✳	6020B	Total/NA
Copper	41.9		1.8	0.33	mg/Kg	1	✳	6020B	Total/NA
Iron	16900		54.6	18.4	mg/Kg	1	✳	6020B	Total/NA
Potassium	1270		91.0	14.7	mg/Kg	1	✳	6020B	Total/NA
Magnesium	2540		91.0	9.3	mg/Kg	1	✳	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Euromins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C (Continued)

Lab Sample ID: 460-267459-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	232		3.6	0.37	mg/Kg	1	☼	6020B	Total/NA
Sodium	90.7	J	91.0	41.6	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.2		1.8	0.43	mg/Kg	1	☼	6020B	Total/NA
Lead	98.1		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.0		0.91	0.13	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.34	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.3		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	101		7.3	2.8	mg/Kg	1	☼	6020B	Total/NA
Barium	0.55		0.040	0.0091	mg/L	10		6020B	TCLP
Lead	0.23		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.39		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	8.2	HF			SU	1		9045D	Total/NA
Temperature	21.9	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.2	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.1		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	8.4				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	41.6				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	4.1				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	12.2				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	25.3				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	50.0				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	97.0				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	91.6				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	87.5				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	82.8				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	75.3				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	65.9				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	61.9				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	58.4				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	50.0				% Passing	1		D422	Total/NA

Client Sample ID: B-12-G

Lab Sample ID: 460-267459-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0073		0.0047	0.0045	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00058	J*+	0.00079	0.00021	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00030	J	0.00079	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.11	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.044	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.050	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.14	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.10	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C (Continued)

Lab Sample ID: 460-267459-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.12	J	0.35	0.010	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	1.8		0.35	0.0062	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.43		0.35	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.14	J	0.35	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	2.8		0.35	0.012	mg/Kg	1	✳	8270E	Total/NA
Pyrene	2.2		0.35	0.0088	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	1.3		0.035	0.012	mg/Kg	1	✳	8270E	Total/NA
Chrysene	1.0		0.35	0.0060	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	1.6		0.035	0.0092	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.69		0.035	0.0070	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	1.0		0.035	0.0095	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.72		0.035	0.014	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.17		0.035	0.015	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.47		0.35	0.010	mg/Kg	1	✳	8270E	Total/NA
1,1'-Biphenyl	0.012	J	0.35	0.012	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDT	0.0052	J	0.0072	0.0013	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	130		15	15	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.14	J	0.33	0.074	mg/Kg	1	✳	6020B	Total/NA
Aluminum	10800		16.7	4.6	mg/Kg	1	✳	6020B	Total/NA
Arsenic	5.5		0.84	0.086	mg/Kg	1	✳	6020B	Total/NA
Barium	69.9		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.60		0.33	0.048	mg/Kg	1	✳	6020B	Total/NA
Calcium	6060		83.7	14.8	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.28	J	0.84	0.095	mg/Kg	1	✳	6020B	Total/NA
Cobalt	7.8		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Chromium	23.0		1.7	0.76	mg/Kg	1	✳	6020B	Total/NA
Copper	30.2		1.7	0.31	mg/Kg	1	✳	6020B	Total/NA
Iron	19900		50.2	16.9	mg/Kg	1	✳	6020B	Total/NA
Potassium	1290		83.7	13.6	mg/Kg	1	✳	6020B	Total/NA
Magnesium	2890		83.7	8.5	mg/Kg	1	✳	6020B	Total/NA
Manganese	228		3.3	0.34	mg/Kg	1	✳	6020B	Total/NA
Sodium	93.2		83.7	38.2	mg/Kg	1	✳	6020B	Total/NA
Nickel	14.2		1.7	0.39	mg/Kg	1	✳	6020B	Total/NA
Lead	102		0.50	0.17	mg/Kg	1	✳	6020B	Total/NA
Antimony	1.2		0.84	0.12	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.38	J	1.0	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.11	J	0.33	0.034	mg/Kg	1	✳	6020B	Total/NA
Vanadium	27.8		1.7	0.17	mg/Kg	1	✳	6020B	Total/NA
Zinc	111		6.7	2.6	mg/Kg	1	✳	6020B	Total/NA
Barium	0.67		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0043	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.18		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.24		0.018	0.0085	mg/Kg	1	✳	7471B	Total/NA
Cyanide, Total	0.21	J	0.26	0.14	mg/Kg	1	✳	9012B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.7	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.3	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.4		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	7.1				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	42.2				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C (Continued)

Lab Sample ID: 460-267459-8

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	5.4				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	13.3				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	23.5				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	50.7				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	97.5				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	92.9				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	87.5				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	81.8				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	74.2				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	65.1				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	60.7				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	58.3				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	50.7				% Passing	1		D422	Total/NA

Client Sample ID: B-13-G

Lab Sample ID: 460-267459-9

No Detections.

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.096	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.052	J	0.37	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.045	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.12	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.14	J	0.37	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.12	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.4		0.37	0.0065	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.38		0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.17	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.020	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.4		0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.1		0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.63		0.037	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.52		0.37	0.0063	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.70		0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.32		0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.52		0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.41		0.037	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.074		0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.27	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
1,1'-Biphenyl	0.015	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	54		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Silver	0.091	J	0.35	0.077	mg/Kg	1	☼	6020B	Total/NA
Aluminum	10100		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.1		0.87	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	69.5		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.59		0.35	0.050	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C (Continued)

Lab Sample ID: 460-267459-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	5880		86.9	15.4	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	0.87	0.098	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.9		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.0		1.7	0.79	mg/Kg	1	☼	6020B	Total/NA
Copper	74.1		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	19500		52.1	17.6	mg/Kg	1	☼	6020B	Total/NA
Potassium	1160		86.9	14.1	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2900		86.9	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	290		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Sodium	107		86.9	39.7	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.2		1.7	0.41	mg/Kg	1	☼	6020B	Total/NA
Lead	121		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.3		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.38	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.8		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	229		7.0	2.7	mg/Kg	1	☼	6020B	Total/NA
Barium	0.55		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0039	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.14		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.27		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.9	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.3	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.2		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	6.5				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	45.4				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	4.7				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	14.2				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	26.5				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	48.1				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	98.6				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	93.5				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	88.8				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	83.4				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	74.6				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	63.6				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	59.4				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	55.8				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	48.1				% Passing	1		D422	Total/NA

Client Sample ID: B-01-G

Lab Sample ID: 460-267459-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.053	J	0.36	0.0063	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.023	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.099	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.094	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.072	J	0.36	0.012	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.12	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	1.3		0.36	0.0064	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.34	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.13	J	0.36	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	1.8		0.36	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	1.5		0.36	0.0091	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.90		0.036	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.83		0.36	0.0062	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	1.1		0.036	0.0095	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.38		0.036	0.0072	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.79		0.036	0.0097	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.57		0.036	0.014	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.14		0.036	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.41		0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Aroclor 1260	0.11		0.074	0.020	mg/Kg	1	✳	8082A	Total/NA
Polychlorinated biphenyls, Total	0.11		0.074	0.020	mg/Kg	1	✳	8082A	Total/NA
Total EPH (C9-C40)	130		16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.12	J	0.36	0.080	mg/Kg	1	✳	6020B	Total/NA
Aluminum	10800		17.9	4.9	mg/Kg	1	✳	6020B	Total/NA
Arsenic	5.3		0.90	0.092	mg/Kg	1	✳	6020B	Total/NA
Barium	97.2		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.48		0.36	0.051	mg/Kg	1	✳	6020B	Total/NA
Calcium	7210		89.6	15.9	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.31	J	0.90	0.10	mg/Kg	1	✳	6020B	Total/NA
Cobalt	6.7		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Chromium	20.7		1.8	0.81	mg/Kg	1	✳	6020B	Total/NA
Copper	34.4		1.8	0.33	mg/Kg	1	✳	6020B	Total/NA
Iron	17800		53.8	18.1	mg/Kg	1	✳	6020B	Total/NA
Potassium	1170		89.6	14.5	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3140		89.6	9.1	mg/Kg	1	✳	6020B	Total/NA
Manganese	264		3.6	0.36	mg/Kg	1	✳	6020B	Total/NA
Sodium	96.8		89.6	41.0	mg/Kg	1	✳	6020B	Total/NA
Nickel	11.1		1.8	0.42	mg/Kg	1	✳	6020B	Total/NA
Lead	126		0.54	0.18	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.71	J	0.90	0.13	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.39	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.12	J	0.36	0.037	mg/Kg	1	✳	6020B	Total/NA
Vanadium	26.2		1.8	0.18	mg/Kg	1	✳	6020B	Total/NA
Zinc	118		7.2	2.7	mg/Kg	1	✳	6020B	Total/NA
Barium	0.67		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0046	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.16		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.31		0.018	0.0086	mg/Kg	1	✳	7471B	Total/NA
pH	8.4	HF			SU	1		9045D	Total/NA
Temperature	21.7	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.4	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C (Continued)

Lab Sample ID: 460-267459-12

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Volatile Solids	2.4		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	5.9				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	51.0				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	7.8				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	19.0				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	24.2				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	43.1				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	94.1				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	86.3				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	78.0				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	67.3				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	56.1				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	51.3				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	49.0				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	43.1				% Passing	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-G

Lab Sample ID: 460-267346-1

Date Collected: 10/12/22 08:30

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00038	U	0.00088	0.00038	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Bromomethane	0.00088	U	0.0018	0.00088	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Vinyl chloride	0.00048	U	0.00088	0.00048	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Chloroethane	0.00046	U	0.00088	0.00046	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Methylene Chloride	0.0010	U	0.0018	0.0010	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Acetone	0.0050	U	0.0053	0.0050	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Carbon disulfide	0.00023	U	0.00088	0.00023	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Trichlorofluoromethane	0.00036	U	0.00088	0.00036	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,1-Dichloroethene	0.00020	U	0.00088	0.00020	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,1-Dichloroethane	0.00018	U	0.00088	0.00018	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
trans-1,2-Dichloroethene	0.00022	U	0.00088	0.00022	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
cis-1,2-Dichloroethene	0.00031	U	0.00088	0.00031	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Chloroform	0.00085	U	0.00088	0.00085	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,2-Dichloroethane	0.00026	U	0.00088	0.00026	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
2-Butanone (MEK)	0.00032	U	0.0044	0.00032	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,1,1-Trichloroethane	0.00020	U	0.00088	0.00020	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Carbon tetrachloride	0.00034	U	0.00088	0.00034	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Dichlorobromomethane	0.00023	U	0.00088	0.00023	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,2-Dichloropropane	0.00037	U	0.00088	0.00037	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
cis-1,3-Dichloropropene	0.00024	U	0.00088	0.00024	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Trichloroethene	0.00028	U	0.00088	0.00028	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Chlorodibromomethane	0.00017	U	0.00088	0.00017	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,1,1,2-Trichloroethane	0.00016	U	0.00088	0.00016	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Benzene	0.00023	U	0.00088	0.00023	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
trans-1,3-Dichloropropene	0.00023	U	0.00088	0.00023	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Bromoform	0.00037	U	0.00088	0.00037	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0044	0.0014	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
2-Hexanone	0.0015	U	0.0044	0.0015	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Tetrachloroethene	0.00027	U	0.00088	0.00027	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,1,1,2-Tetrachloroethane	0.00019	U	0.00088	0.00019	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Toluene	0.00021	U	0.00088	0.00021	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Chlorobenzene	0.00016	U	0.00088	0.00016	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Ethylbenzene	0.00017	U	0.00088	0.00017	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Styrene	0.00024	U	0.00088	0.00024	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
m-Xylene & p-Xylene	0.00015	U	0.00088	0.00015	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
o-Xylene	0.00017	U	0.00088	0.00017	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Acrolein	0.025	U	0.088	0.025	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	0.00026	U	0.00088	0.00026	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
TBA	0.0069	U *	0.0088	0.0069	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Acrylonitrile	0.0043	U	0.0088	0.0043	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Methyl tert-butyl ether	0.00045	U	0.00088	0.00045	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Cyclohexane	0.00019	U	0.00088	0.00019	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Ethylene Dibromide	0.00016	U	0.00088	0.00016	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,3-Dichlorobenzene	0.00032	U	0.00088	0.00032	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,4-Dichlorobenzene	0.00020	U	0.00088	0.00020	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,2-Dichlorobenzene	0.00032	U	0.00088	0.00032	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Dichlorodifluoromethane	0.00030	U	0.00088	0.00030	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,2,4-Trichlorobenzene	0.00031	U	0.00088	0.00031	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,4-Dioxane	0.0081	U *	0.088	0.0081	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-G

Lab Sample ID: 460-267346-1

Date Collected: 10/12/22 08:30

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.00016	U	0.00088	0.00016	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
1,2-Dibromo-3-Chloropropane	0.00040	U	0.00088	0.00040	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Chlorobromomethane	0.00025	U	0.00088	0.00025	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Isopropylbenzene	0.00025	U	0.00088	0.00025	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Methyl acetate	0.0038	U	0.0044	0.0038	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1
Methylcyclohexane	0.00044	U	0.00088	0.00044	mg/Kg	☼	10/15/22 10:37	10/18/22 22:16	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/15/22 10:37	10/18/22 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		72 - 145	10/15/22 10:37	10/18/22 22:16	1
Toluene-d8 (Surr)	101		80 - 120	10/15/22 10:37	10/18/22 22:16	1
4-Bromofluorobenzene	99		75 - 139	10/15/22 10:37	10/18/22 22:16	1
Dibromofluoromethane (Surr)	121		73 - 139	10/15/22 10:37	10/18/22 22:16	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/17/22 12:45	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/17/22 12:45	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/17/22 12:45	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/17/22 12:45	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/17/22 12:45	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/17/22 12:45	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/17/22 12:45	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/17/22 12:45	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/17/22 12:45	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/17/22 12:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 128		10/17/22 12:45	10
4-Bromofluorobenzene	100		76 - 120		10/17/22 12:45	10
Dibromofluoromethane (Surr)	103		77 - 124		10/17/22 12:45	10
Toluene-d8 (Surr)	108		80 - 120		10/17/22 12:45	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.3		1.0	1.0	%			10/16/22 14:28	1
Percent Solids (EPA Moisture)	86.7		1.0	1.0	%			10/16/22 14:28	1

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Date Collected: 10/12/22 08:45

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2-Chlorophenol	0.013	U	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2-Methylphenol	0.014	U	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4-Methylphenol	0.024	U	0.38	0.024	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2-Nitrophenol	0.038	U	0.38	0.038	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Date Collected: 10/12/22 08:45

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.045	U	0.38	0.045	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4-Chloro-3-methylphenol	0.021	U	0.38	0.021	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,4,6-Trichlorophenol	0.049	U	0.15	0.049	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,4,5-Trichlorophenol	0.039	U	0.38	0.039	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,4-Dinitrotoluene	0.041	U	0.077	0.041	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4-Nitrophenol	0.062	U	0.77	0.062	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Pentachlorophenol	0.078	U	0.30	0.078	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
N-Nitrosodimethylamine	0.035	U	0.38	0.035	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Bis(2-chloroethyl)ether	0.013	U	0.038	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
N-Nitrosodi-n-propylamine	0.028	U	0.038	0.028	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Hexachloroethane	0.013	U	0.038	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Nitrobenzene	0.021	U	0.038	0.021	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Naphthalene	0.12	J	0.38	0.0066	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4-Chloroaniline	0.067	U	0.38	0.067	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Hexachlorobutadiene	0.0081	U	0.077	0.0081	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2-Methylnaphthalene	0.057	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Hexachlorocyclopentadiene	0.033	U	0.38	0.033	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2-Chloronaphthalene	0.018	U	0.38	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2-Nitroaniline	0.029	U	0.38	0.029	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Dimethyl phthalate	0.086	U	0.38	0.086	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Acenaphthylene	0.054	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,6-Dinitrotoluene	0.027	U	0.077	0.027	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
3-Nitroaniline	0.090	U	0.38	0.090	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Acenaphthene	0.15	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Dibenzofuran	0.13	J	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,4-Dinitrophenol	0.19	U	0.30	0.19	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Diethyl phthalate	0.012	U	0.38	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4-Chlorophenyl phenyl ether	0.013	U	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Fluorene	0.20	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4-Nitroaniline	0.044	U	0.38	0.044	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
N-Nitrosodiphenylamine	0.031	U	0.38	0.031	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
4-Bromophenyl phenyl ether	0.015	U	0.38	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Hexachlorobenzene	0.018	U	0.038	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Phenanthrene	1.9		0.38	0.0067	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Anthracene	0.43		0.38	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Carbazole	0.18	J	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Di-n-butyl phthalate	0.014	U	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Fluoranthene	2.3		0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Pyrene	1.8		0.38	0.0094	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Benzidine	0.079	U	0.38	0.079	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Butyl benzyl phthalate	0.018	U	0.38	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Benzo[a]anthracene	1.0		0.038	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Chrysene	1.0		0.38	0.0064	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.38	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Di-n-octyl phthalate	0.020	U	0.38	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Benzo[b]fluoranthene	1.1		0.038	0.0098	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Date Collected: 10/12/22 08:45

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.38		0.038	0.0074	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Benzo[a]pyrene	0.88		0.038	0.010	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Indeno[1,2,3-cd]pyrene	0.60		0.038	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Dibenz(a,h)anthracene	0.17		0.038	0.016	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Benzo[g,h,i]perylene	0.47		0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
1,2-Diphenylhydrazine	0.015	U	0.38	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
1,1'-Biphenyl	0.017	J	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Acetophenone	0.019	U	0.38	0.019	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Benzaldehyde	0.063	U	0.38	0.063	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Caprolactam	0.059	U	0.38	0.059	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,2'-oxybis[1-chloropropane]	0.0069	U	0.38	0.0069	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.38	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
2,3,4,6-Tetrachlorophenol	0.026	U	0.38	0.026	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
3,3'-Dichlorobenzidine	0.057	U	0.15	0.057	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1
Bis(2-chloroethoxy)methane	0.030	U	0.38	0.030	mg/Kg	☼	10/13/22 20:00	10/14/22 11:41	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
n-Decane	0.021	J	mg/Kg	☼	4.10	124-18-5	10/13/22 20:00	10/14/22 11:41	1
1-Methylnaphthalene	0.071	J	mg/Kg	☼	6.30	90-12-0	10/13/22 20:00	10/14/22 11:41	1
1,3-Dimethylnaphthalene	0.060	J	mg/Kg	☼	6.88	575-41-7	10/13/22 20:00	10/14/22 11:41	1
Benzaldehyde,	0.54	J N	mg/Kg	☼	9.21	90-60-8	10/13/22 20:00	10/14/22 11:41	1
3,5-dichloro-2-hydroxy-Benzo[e]pyrene	0.49	J N	mg/Kg	☼	13.05	192-97-2	10/13/22 20:00	10/14/22 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	69		16 - 125	10/13/22 20:00	10/14/22 11:41	1
Phenol-d5 (Surr)	70		23 - 120	10/13/22 20:00	10/14/22 11:41	1
Terphenyl-d14 (Surr)	81		25 - 126	10/13/22 20:00	10/14/22 11:41	1
2,4,6-Tribromophenol (Surr)	89		10 - 123	10/13/22 20:00	10/14/22 11:41	1
2-Fluorophenol (Surr)	62		18 - 123	10/13/22 20:00	10/14/22 11:41	1
2-Fluorobiphenyl	79		22 - 122	10/13/22 20:00	10/14/22 11:41	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/16/22 10:30	10/16/22 23:07	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 23:07	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 23:07	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/16/22 10:30	10/16/22 23:07	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:07	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:07	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/16/22 10:30	10/16/22 23:07	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/16/22 10:30	10/16/22 23:07	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/16/22 10:30	10/16/22 23:07	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:07	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/16/22 10:30	10/16/22 23:07	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/16/22 10:30	10/16/22 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		37 - 150	10/16/22 10:30	10/16/22 23:07	1
2-Fluorobiphenyl	100		46 - 139	10/16/22 10:30	10/16/22 23:07	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Date Collected: 10/12/22 08:45

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	45		19 - 80	10/16/22 10:30	10/16/22 23:07	1
Nitrobenzene-d5 (Surr)	97		52 - 137	10/16/22 10:30	10/16/22 23:07	1
Phenol-d5 (Surr)	30		10 - 56	10/16/22 10:30	10/16/22 23:07	1
Terphenyl-d14 (Surr)	40		22 - 150	10/16/22 10:30	10/16/22 23:07	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0076	0.0013	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
4,4'-DDE	0.00090	U	0.0076	0.00090	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
4,4'-DDT	0.046		0.0076	0.0014	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Aldrin	0.0012	U	0.0076	0.0012	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
alpha-BHC	0.00078	U	0.0023	0.00078	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
beta-BHC	0.00086	U	0.0023	0.00086	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Chlordane (technical)	0.18		0.076	0.018	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
delta-BHC	0.00047	U	0.0023	0.00047	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Dieldrin	0.00099	U	0.0023	0.00099	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Endosulfan I	0.0012	U	0.0076	0.0012	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Endosulfan II	0.0020	U	0.0076	0.0020	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Endosulfan sulfate	0.00096	U	0.0076	0.00096	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Endrin	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Endrin aldehyde	0.0018	U	0.0076	0.0018	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Endrin ketone	0.0015	U	0.0076	0.0015	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
gamma-BHC (Lindane)	0.00071	U	0.0023	0.00071	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Heptachlor	0.00090	U	0.0076	0.00090	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Heptachlor epoxide	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Methoxychlor	0.0017	U	0.0076	0.0017	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1
Toxaphene	0.028	U	0.076	0.028	mg/Kg	✱	10/13/22 17:47	10/14/22 10:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		43 - 150	10/13/22 17:47	10/14/22 10:12	1
DCB Decachlorobiphenyl	67		43 - 150	10/13/22 17:47	10/14/22 10:12	1
Tetrachloro-m-xylene	65		26 - 137	10/13/22 17:47	10/14/22 10:12	1
Tetrachloro-m-xylene	61		26 - 137	10/13/22 17:47	10/14/22 10:12	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/16/22 09:37	10/17/22 06:39	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 06:39	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/16/22 09:37	10/17/22 06:39	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/16/22 09:37	10/17/22 06:39	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/16/22 09:37	10/17/22 06:39	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 06:39	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/16/22 09:37	10/17/22 06:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		15 - 121	10/16/22 09:37	10/17/22 06:39	1
DCB Decachlorobiphenyl	69		15 - 121	10/16/22 09:37	10/17/22 06:39	1
Tetrachloro-m-xylene	63		17 - 120	10/16/22 09:37	10/17/22 06:39	1
Tetrachloro-m-xylene	61		17 - 120	10/16/22 09:37	10/17/22 06:39	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Date Collected: 10/12/22 08:45

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor 1221	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor 1232	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor 1242	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor 1248	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor 1254	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor 1260	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor-1262	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Aroclor 1268	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1
Polychlorinated biphenyls, Total	0.020	U	0.076	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	138		10 - 150	10/13/22 17:36	10/14/22 13:26	1
DCB Decachlorobiphenyl	170	S1+	10 - 150	10/13/22 17:36	10/14/22 13:26	1
Tetrachloro-m-xylene	121		42 - 150	10/13/22 17:36	10/14/22 13:26	1
Tetrachloro-m-xylene	148		42 - 150	10/13/22 17:36	10/14/22 13:26	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.014	U	0.038	0.014	mg/Kg	✳	10/14/22 07:52	10/14/22 18:37	1
Silvex (2,4,5-TP)	0.0040	U	0.038	0.0040	mg/Kg	✳	10/14/22 07:52	10/14/22 18:37	1
2,4,5-T	0.0081	U	0.038	0.0081	mg/Kg	✳	10/14/22 07:52	10/14/22 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	109		27 - 150	10/14/22 07:52	10/14/22 18:37	1
2,4-Dichlorophenylacetic acid	115		27 - 150	10/14/22 07:52	10/14/22 18:37	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 18:56	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 18:56	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	16		10 - 150	10/16/22 09:48	10/17/22 18:56	1
2,4-Dichlorophenylacetic acid	16		10 - 150	10/16/22 09:48	10/17/22 18:56	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	160		16	16	mg/Kg	✳	10/14/22 09:15	10/15/22 16:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		40 - 140	10/14/22 09:15	10/15/22 16:54	1
1-Chlorooctadecane	85		40 - 140	10/14/22 09:15	10/15/22 16:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.15	J	0.38	0.084	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Aluminum	16500		19.0	5.2	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Arsenic	7.1		0.95	0.098	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Barium	104		1.9	0.14	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Date Collected: 10/12/22 08:45

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.64		0.38	0.054	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Calcium	6160		94.9	16.8	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Cadmium	0.30	J	0.95	0.11	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Cobalt	8.2		1.9	0.14	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Chromium	26.1		1.9	0.86	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Copper	30.2	F1	1.9	0.35	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Iron	22600		56.9	19.2	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Potassium	1820		94.9	15.4	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Magnesium	3480		94.9	9.7	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Manganese	286		3.8	0.38	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Sodium	92.7	J	94.9	43.4	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Nickel	16.7		1.9	0.45	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Lead	165		0.57	0.19	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Antimony	0.90	J	0.95	0.14	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Selenium	0.49	J	1.2	0.12	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Thallium	0.16	J	0.38	0.039	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Vanadium	34.7		1.9	0.20	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1
Zinc	117		7.6	2.9	mg/Kg	✳	10/16/22 23:00	10/18/22 13:41	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/16/22 19:35	10/17/22 14:08	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/16/22 19:35	10/17/22 14:08	10
Barium	0.63		0.040	0.0091	mg/L		10/16/22 19:35	10/17/22 14:08	10
Cadmium	0.0040	J	0.020	0.0039	mg/L		10/16/22 19:35	10/17/22 14:08	10
Chromium	0.025	U	0.040	0.025	mg/L		10/16/22 19:35	10/17/22 14:08	10
Lead	0.16		0.012	0.0084	mg/L		10/16/22 19:35	10/17/22 14:08	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/16/22 19:35	10/17/22 14:08	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 11:11	10/18/22 14:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.35		0.018	0.0085	mg/Kg	✳	10/14/22 00:17	10/14/22 04:09	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF			SU			10/18/22 13:55	1
Temperature (SW846 9045D)	21.2	HF			Degrees C			10/18/22 13:55	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/18/22 13:55	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.16	J	0.26	0.14	mg/L	✳	10/15/22 19:24	10/16/22 15:46	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/18/22 12:14	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U F1	20.0	20.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/17/22 10:15	1
Percent Moisture (EPA Moisture)	12.9		1.0	1.0	%			10/14/22 07:12	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C

Lab Sample ID: 460-267346-2

Date Collected: 10/12/22 08:45

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.1

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.1		1.0	1.0	%			10/14/22 07:12	1
Total Volatile Solids (SM 2540G)	2.6		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			11/01/22 16:05	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			11/01/22 16:05	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			11/01/22 16:05	1
9.5 mm (Sieve Size 0.375 inch)	94.0				% Finer			11/01/22 16:05	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			11/01/22 16:05	1
4.75 mm (Sieve Size #4)	89.9				% Finer			11/01/22 16:05	1
2 mm (Sieve Size #10)	85.4				% Finer			11/01/22 16:05	1
0.85 mm (Sieve Size #20)	78.5				% Finer			11/01/22 16:05	1
0.425 mm (Sieve Size #40)	68.3				% Finer			11/01/22 16:05	1
0.25 mm (Sieve Size #60)	56.6				% Finer			11/01/22 16:05	1
0.18 mm (Sieve Size #80)	50.9				% Finer			11/01/22 16:05	1
0.15 mm (Sieve Size #100)	50.5				% Finer			11/01/22 16:05	1
0.075 mm (Sieve Size #200)	48.9				% Finer			11/01/22 16:05	1
Clay	17.5				%			11/01/22 16:05	1
Gravel	10.1				%			11/01/22 16:05	1
Coarse Sand	4.5				%			11/01/22 16:05	1
Fine Sand	19.4				%			11/01/22 16:05	1
Medium Sand	17.1				%			11/01/22 16:05	1
Sand	41.0				%			11/01/22 16:05	1
Silt	31.4				%			11/01/22 16:05	1

Client Sample ID: B-05-G

Lab Sample ID: 460-267346-3

Date Collected: 10/12/22 09:10

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 86.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00054	U	0.0012	0.00054	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Bromomethane	0.0012	U	0.0025	0.0012	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Vinyl chloride	0.00068	U	0.0012	0.00068	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Chloroethane	0.00065	U	0.0012	0.00065	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Methylene Chloride	0.0014	U	0.0025	0.0014	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Acetone	0.0071	U	0.0075	0.0071	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Carbon disulfide	0.0026		0.0012	0.00033	mg/Kg		10/15/22 10:37	10/18/22 13:31	1
Trichlorofluoromethane	0.00051	U	0.0012	0.00051	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,1-Dichloroethene	0.00028	U	0.0012	0.00028	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,1-Dichloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
trans-1,2-Dichloroethene	0.00031	U	0.0012	0.00031	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
cis-1,2-Dichloroethene	0.00045	U	0.0012	0.00045	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,2-Dichloroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
2-Butanone (MEK)	0.00046	U	0.0062	0.00046	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Carbon tetrachloride	0.00048	U	0.0012	0.00048	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Dichlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-G

Lab Sample ID: 460-267346-3

Date Collected: 10/12/22 09:10

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 86.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.00053	U	0.0012	0.00053	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Trichloroethene	0.00040	U	0.0012	0.00040	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Benzene	0.00032	U	0.0012	0.00032	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Bromoform	0.00053	U	0.0012	0.00053	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
2-Hexanone	0.0021	U	0.0062	0.0021	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Tetrachloroethene	0.00038	U	0.0012	0.00038	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Toluene	0.00029	U	0.0012	0.00029	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Ethylbenzene	0.00025	U	0.0012	0.00025	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Styrene	0.00035	U	0.0012	0.00035	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
m-Xylene & p-Xylene	0.00022	U	0.0012	0.00022	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Acrolein	0.035	U	0.12	0.035	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.0012	0.00038	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
TBA	0.0098	U	0.012	0.0098	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Acrylonitrile	0.0061	U	0.012	0.0061	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Methyl tert-butyl ether	0.00064	U	0.0012	0.00064	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Cyclohexane	0.00028	U	0.0012	0.00028	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,3-Dichlorobenzene	0.00046	U	0.0012	0.00046	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,2-Dichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Dichlorodifluoromethane	0.00042	U	0.0012	0.00042	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,2,4-Trichlorobenzene	0.00045	U	0.0012	0.00045	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,4-Dioxane	0.011	U * - *3	0.12	0.011	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,2,3-Trichlorobenzene	0.00023	U	0.0012	0.00023	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Chlorobromomethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Isopropylbenzene	0.00036	U	0.0012	0.00036	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Methyl acetate	0.0054	U	0.0062	0.0054	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1
Methylcyclohexane	0.00062	U	0.0012	0.00062	mg/Kg	☼	10/15/22 10:37	10/18/22 13:31	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/15/22 10:37	10/18/22 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		72 - 145	10/15/22 10:37	10/18/22 13:31	1
Toluene-d8 (Surr)	100		80 - 120	10/15/22 10:37	10/18/22 13:31	1
4-Bromofluorobenzene	101		75 - 139	10/15/22 10:37	10/18/22 13:31	1
Dibromofluoromethane (Surr)	116		73 - 139	10/15/22 10:37	10/18/22 13:31	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/17/22 13:11	10

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-G

Lab Sample ID: 460-267346-3

Date Collected: 10/12/22 09:10

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 86.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/17/22 13:11	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/17/22 13:11	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/17/22 13:11	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/17/22 13:11	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/17/22 13:11	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/17/22 13:11	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/17/22 13:11	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/17/22 13:11	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/17/22 13:11	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		70 - 128					10/17/22 13:11	10
4-Bromofluorobenzene	103		76 - 120					10/17/22 13:11	10
Dibromofluoromethane (Surr)	104		77 - 124					10/17/22 13:11	10
Toluene-d8 (Surr)	109		80 - 120					10/17/22 13:11	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		1.0	1.0	%			10/16/22 14:28	1
Percent Solids (EPA Moisture)	86.6		1.0	1.0	%			10/16/22 14:28	1

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.37	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2-Nitrophenol	0.038	U	0.37	0.038	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,4-Dimethylphenol	0.045	U	0.37	0.045	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,4-Dinitrotoluene	0.040	U	0.076	0.040	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4-Nitrophenol	0.061	U	0.76	0.061	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Pentachlorophenol	0.077	U	0.30	0.077	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
N-Nitrosodimethylamine	0.035	U	0.37	0.035	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Nitrobenzene	0.021	U	0.037	0.021	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Naphthalene	0.048	J	0.37	0.0065	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4-Chloroaniline	0.067	U	0.37	0.067	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Hexachlorobutadiene	0.0080	U	0.076	0.0080	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.024	J	0.37	0.010	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2-Nitroaniline	0.029	U	0.37	0.029	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Acenaphthylene	0.031	J	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,6-Dinitrotoluene	0.027	U	0.076	0.027	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
3-Nitroaniline	0.089	U	0.37	0.089	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Acenaphthene	0.065	J	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Dibenzofuran	0.053	J	0.37	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Fluorene	0.067	J	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
N-Nitrosodiphenylamine	0.031	U	0.37	0.031	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Phenanthrene	0.95		0.37	0.0066	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Anthracene	0.19	J	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Carbazole	0.096	J	0.37	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Fluoranthene	1.3		0.37	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Pyrene	1.1		0.37	0.0093	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Benzidine	0.079	U	0.37	0.079	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Butyl benzyl phthalate	0.018	U	0.37	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Benzo[a]anthracene	0.65		0.037	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Chrysene	0.66		0.37	0.0063	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Benzo[b]fluoranthene	0.75		0.037	0.0097	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Benzo[k]fluoranthene	0.31		0.037	0.0074	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Benzo[a]pyrene	0.56		0.037	0.010	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Indeno[1,2,3-cd]pyrene	0.34		0.037	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Dibenz(a,h)anthracene	0.097		0.037	0.016	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Benzo[g,h,i]perylene	0.26	J	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
1,2-Diphenylhydrazine	0.015	U	0.37	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
1,1'-Biphenyl	0.013	U	0.37	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Benzaldehyde	0.062	U	0.37	0.062	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Caprolactam	0.058	U	0.37	0.058	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
3,3'-Dichlorobenzidine	0.057	U	0.15	0.057	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/13/22 20:00	10/14/22 12:49	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzo[e]pyrene	0.34	J/N	mg/Kg	☼	13.05	192-97-2	10/13/22 20:00	10/14/22 12:49	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	67		16 - 125	10/13/22 20:00	10/14/22 12:49	1
Phenol-d5 (Surr)	65		23 - 120	10/13/22 20:00	10/14/22 12:49	1
Terphenyl-d14 (Surr)	79		25 - 126	10/13/22 20:00	10/14/22 12:49	1
2,4,6-Tribromophenol (Surr)	84		10 - 123	10/13/22 20:00	10/14/22 12:49	1
2-Fluorophenol (Surr)	61		18 - 123	10/13/22 20:00	10/14/22 12:49	1
2-Fluorobiphenyl	78		22 - 122	10/13/22 20:00	10/14/22 12:49	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/16/22 10:30	10/16/22 23:28	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 23:28	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 23:28	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/16/22 10:30	10/16/22 23:28	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:28	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:28	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/16/22 10:30	10/16/22 23:28	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/16/22 10:30	10/16/22 23:28	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/16/22 10:30	10/16/22 23:28	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:28	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/16/22 10:30	10/16/22 23:28	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/16/22 10:30	10/16/22 23:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		37 - 150	10/16/22 10:30	10/16/22 23:28	1
2-Fluorobiphenyl	105		46 - 139	10/16/22 10:30	10/16/22 23:28	1
2-Fluorophenol (Surr)	53		19 - 80	10/16/22 10:30	10/16/22 23:28	1
Nitrobenzene-d5 (Surr)	101		52 - 137	10/16/22 10:30	10/16/22 23:28	1
Phenol-d5 (Surr)	37		10 - 56	10/16/22 10:30	10/16/22 23:28	1
Terphenyl-d14 (Surr)	50		22 - 150	10/16/22 10:30	10/16/22 23:28	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0076	0.0013	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
4,4'-DDE	0.00089	U	0.0076	0.00089	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
4,4'-DDT	0.011		0.0076	0.0014	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Aldrin	0.0011	U	0.0076	0.0011	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
alpha-BHC	0.00077	U	0.0023	0.00077	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
beta-BHC	0.00085	U	0.0023	0.00085	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Chlordane (technical)	0.086		0.076	0.018	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
delta-BHC	0.00046	U	0.0023	0.00046	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Dieldrin	0.00098	U	0.0023	0.00098	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Endosulfan I	0.0012	U	0.0076	0.0012	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Endosulfan II	0.0019	U	0.0076	0.0019	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Endosulfan sulfate	0.00095	U	0.0076	0.00095	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Endrin	0.0011	U	0.0076	0.0011	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Endrin aldehyde	0.0018	U	0.0076	0.0018	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Endrin ketone	0.0015	U	0.0076	0.0015	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
gamma-BHC (Lindane)	0.00070	U	0.0023	0.00070	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Heptachlor	0.00089	U	0.0076	0.00089	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Heptachlor epoxide	0.0011	U	0.0076	0.0011	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1
Methoxychlor	0.0017	U	0.0076	0.0017	mg/Kg	☆	10/13/22 17:47	10/14/22 10:24	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.027	U	0.076	0.027	mg/Kg	☼	10/13/22 17:47	10/14/22 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		43 - 150				10/13/22 17:47	10/14/22 10:24	1
DCB Decachlorobiphenyl	56		43 - 150				10/13/22 17:47	10/14/22 10:24	1
Tetrachloro-m-xylene	57		26 - 137				10/13/22 17:47	10/14/22 10:24	1
Tetrachloro-m-xylene	52		26 - 137				10/13/22 17:47	10/14/22 10:24	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/16/22 09:37	10/17/22 06:51	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 06:51	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/16/22 09:37	10/17/22 06:51	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/16/22 09:37	10/17/22 06:51	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/16/22 09:37	10/17/22 06:51	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 06:51	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/16/22 09:37	10/17/22 06:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		15 - 121				10/16/22 09:37	10/17/22 06:51	1
DCB Decachlorobiphenyl	68		15 - 121				10/16/22 09:37	10/17/22 06:51	1
Tetrachloro-m-xylene	67		17 - 120				10/16/22 09:37	10/17/22 06:51	1
Tetrachloro-m-xylene	58		17 - 120				10/16/22 09:37	10/17/22 06:51	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor 1221	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor 1232	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor 1242	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor 1248	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor 1254	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor 1260	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor-1262	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Aroclor 1268	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Polychlorinated biphenyls, Total	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		10 - 150				10/13/22 17:36	10/14/22 13:48	1
DCB Decachlorobiphenyl	119		10 - 150				10/13/22 17:36	10/14/22 13:48	1
Tetrachloro-m-xylene	86		42 - 150				10/13/22 17:36	10/14/22 13:48	1
Tetrachloro-m-xylene	107		42 - 150				10/13/22 17:36	10/14/22 13:48	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.014	U	0.038	0.014	mg/Kg	☼	10/14/22 07:52	10/14/22 18:51	1
Silvex (2,4,5-TP)	0.0039	U	0.038	0.0039	mg/Kg	☼	10/14/22 07:52	10/14/22 18:51	1
2,4,5-T	0.0080	U	0.038	0.0080	mg/Kg	☼	10/14/22 07:52	10/14/22 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	98		27 - 150				10/14/22 07:52	10/14/22 18:51	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.0

Method: SW846 8151A - Herbicides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	115		27 - 150	10/14/22 07:52	10/14/22 18:51	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 19:10	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 19:10	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	17		10 - 150	10/16/22 09:48	10/17/22 19:10	1
2,4-Dichlorophenylacetic acid	17		10 - 150	10/16/22 09:48	10/17/22 19:10	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	130		16	16	mg/Kg	☼	10/14/22 09:15	10/15/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		40 - 140	10/14/22 09:15	10/15/22 17:12	1
1-Chlorooctadecane	89		40 - 140	10/14/22 09:15	10/15/22 17:12	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.14	J	0.37	0.083	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Aluminum	12800		18.6	5.1	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Arsenic	6.4		0.93	0.096	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Barium	75.4		1.9	0.14	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Beryllium	0.52		0.37	0.053	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Calcium	7110		93.1	16.5	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Cadmium	0.52	J	0.93	0.11	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Cobalt	6.6		1.9	0.14	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Chromium	24.0		1.9	0.85	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Copper	28.0		1.9	0.34	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Iron	20500		55.9	18.8	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Potassium	1280		93.1	15.1	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Magnesium	3070		93.1	9.5	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Manganese	228		3.7	0.38	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Sodium	91.2	J	93.1	42.6	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Nickel	12.5		1.9	0.44	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Lead	141		0.56	0.19	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Antimony	0.87	J	0.93	0.14	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Selenium	0.44	J	1.2	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Thallium	0.12	J	0.37	0.038	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Vanadium	30.9		1.9	0.19	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1
Zinc	263		7.4	2.8	mg/Kg	☼	10/16/22 23:00	10/18/22 13:56	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/16/22 19:35	10/17/22 14:10	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/16/22 19:35	10/17/22 14:10	10
Barium	0.60		0.040	0.0091	mg/L		10/16/22 19:35	10/17/22 14:10	10

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

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Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.0

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0053	J	0.020	0.0039	mg/L		10/16/22 19:35	10/17/22 14:10	10
Chromium	0.025	U	0.040	0.025	mg/L		10/16/22 19:35	10/17/22 14:10	10
Lead	0.46		0.012	0.0084	mg/L		10/16/22 19:35	10/17/22 14:10	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/16/22 19:35	10/17/22 14:10	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 11:11	10/18/22 14:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.41		0.017	0.0081	mg/Kg	☆	10/14/22 00:17	10/14/22 04:11	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4	HF			SU			10/18/22 13:57	1
Temperature (SW846 9045D)	21.1	HF			Degrees C			10/18/22 13:57	1
Corrosivity (SW846 9045D)	8.4	HF			SU			10/18/22 13:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.19	J	0.27	0.15	mg/L	☆	10/15/22 19:24	10/16/22 15:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/18/22 12:14	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/17/22 10:25	1
Percent Moisture (EPA Moisture)	12.0		1.0	1.0	%			10/14/22 07:12	1
Percent Solids (EPA Moisture)	88.0		1.0	1.0	%			10/14/22 07:12	1
Total Volatile Solids (SM 2540G)	2.8		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			11/01/22 16:06	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			11/01/22 16:06	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			11/01/22 16:06	1
9.5 mm (Sieve Size 0.375 inch)	84.3				% Finer			11/01/22 16:06	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			11/01/22 16:06	1
4.75 mm (Sieve Size #4)	74.6				% Finer			11/01/22 16:06	1
2 mm (Sieve Size #10)	70.3				% Finer			11/01/22 16:06	1
0.85 mm (Sieve Size #20)	64.8				% Finer			11/01/22 16:06	1
0.425 mm (Sieve Size #40)	56.0				% Finer			11/01/22 16:06	1
0.25 mm (Sieve Size #60)	45.2				% Finer			11/01/22 16:06	1
0.18 mm (Sieve Size #80)	40.2				% Finer			11/01/22 16:06	1
0.15 mm (Sieve Size #100)	39.9				% Finer			11/01/22 16:06	1
0.075 mm (Sieve Size #200)	38.4				% Finer			11/01/22 16:06	1
Clay	16.9				%			11/01/22 16:06	1
Gravel	25.4				%			11/01/22 16:06	1
Coarse Sand	4.3				%			11/01/22 16:06	1
Fine Sand	17.6				%			11/01/22 16:06	1
Medium Sand	14.3				%			11/01/22 16:06	1
Sand	36.2				%			11/01/22 16:06	1

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Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-4

Matrix: Solid

Percent Solids: 88.0

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Silt	21.5				%			11/01/22 16:06	1

Client Sample ID: B-06-G

Date Collected: 10/12/22 11:20

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-5

Matrix: Solid

Percent Solids: 82.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00053	U	0.0012	0.00053	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Bromomethane	0.0012	U	0.0024	0.0012	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Vinyl chloride	0.00066	U	0.0012	0.00066	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Chloroethane	0.00063	U	0.0012	0.00063	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Methylene Chloride	0.0014	U	0.0024	0.0014	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Acetone	0.0069	U	0.0073	0.0069	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Carbon disulfide	0.00055	J	0.0012	0.00032	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Trichlorofluoromethane	0.00049	U	0.0012	0.00049	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,1-Dichloroethene	0.00027	U	0.0012	0.00027	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,1-Dichloroethane	0.00025	U	0.0012	0.00025	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
cis-1,2-Dichloroethene	0.00043	U	0.0012	0.00043	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,2-Dichloroethane	0.00036	U	0.0012	0.00036	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
2-Butanone (MEK)	0.00045	U	0.0061	0.00045	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,1,1-Trichloroethane	0.00028	U	0.0012	0.00028	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Carbon tetrachloride	0.00047	U	0.0012	0.00047	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Dichlorobromomethane	0.00031	U	0.0012	0.00031	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,2-Dichloropropane	0.00051	U	0.0012	0.00051	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
cis-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Trichloroethene	0.00039	U	0.0012	0.00039	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Benzene	0.00031	U	0.0012	0.00031	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
trans-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Bromoform	0.00052	U	0.0012	0.00052	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0061	0.0019	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
2-Hexanone	0.0021	U	0.0061	0.0021	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Tetrachloroethene	0.00037	U	0.0012	0.00037	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Toluene	0.00028	U	0.0012	0.00028	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Ethylbenzene	0.00024	U	0.0012	0.00024	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Styrene	0.00034	U	0.0012	0.00034	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Acrolein	0.034	U	0.12	0.034	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
TBA	0.0095	U	0.012	0.0095	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Acrylonitrile	0.0059	U	0.012	0.0059	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Methyl tert-butyl ether	0.00062	U	0.0012	0.00062	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1
Cyclohexane	0.00027	U	0.0012	0.00027	mg/Kg	✳	10/15/22 10:37	10/18/22 02:26	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-G

Lab Sample ID: 460-267346-5

Date Collected: 10/12/22 11:20

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 82.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
1,3-Dichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
1,4-Dichlorobenzene	0.00027	U	0.0012	0.00027	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
1,2-Dichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
Dichlorodifluoromethane	0.00041	U	0.0012	0.00041	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
1,2,4-Trichlorobenzene	0.00043	U	0.0012	0.00043	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
1,4-Dioxane	0.011	U *-	0.12	0.011	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
1,2-Dibromo-3-Chloropropane	0.00056	U	0.0012	0.00056	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
Chlorobromomethane	0.00034	U	0.0012	0.00034	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
Isopropylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
Methyl acetate	0.0052	U	0.0061	0.0052	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1
Methylcyclohexane	0.00061	U	0.0012	0.00061	mg/Kg	☼	10/15/22 10:37	10/18/22 02:26	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/15/22 10:37	10/18/22 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		72 - 145	10/15/22 10:37	10/18/22 02:26	1
Toluene-d8 (Surr)	101		80 - 120	10/15/22 10:37	10/18/22 02:26	1
4-Bromofluorobenzene	102		75 - 139	10/15/22 10:37	10/18/22 02:26	1
Dibromofluoromethane (Surr)	114		73 - 139	10/15/22 10:37	10/18/22 02:26	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/17/22 13:36	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/17/22 13:36	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/17/22 13:36	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/17/22 13:36	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/17/22 13:36	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/17/22 13:36	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/17/22 13:36	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/17/22 13:36	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/17/22 13:36	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/17/22 13:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 128		10/17/22 13:36	10
4-Bromofluorobenzene	102		76 - 120		10/17/22 13:36	10
Dibromofluoromethane (Surr)	105		77 - 124		10/17/22 13:36	10
Toluene-d8 (Surr)	105		80 - 120		10/17/22 13:36	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.8		1.0	1.0	%			10/16/22 14:28	1
Percent Solids (EPA Moisture)	82.2		1.0	1.0	%			10/16/22 14:28	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C

Lab Sample ID: 460-267346-6

Date Collected: 10/12/22 12:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2-Nitrophenol	0.037	U	0.37	0.037	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2,4-Dimethylphenol	0.044	U	0.37	0.044	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2,4,6-Trichlorophenol	0.047	U	0.15	0.047	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2,4-Dinitrotoluene	0.040	U	0.075	0.040	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4-Nitrophenol	0.060	U	0.75	0.060	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Pentachlorophenol	0.075	U	0.30	0.075	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
N-Nitrosodimethylamine	0.034	U	0.37	0.034	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Nitrobenzene	0.020	U	0.037	0.020	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Naphthalene	0.053	J	0.37	0.0064	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4-Chloroaniline	0.065	U	0.37	0.065	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Hexachlorobutadiene	0.0078	U	0.075	0.0078	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2-Methylnaphthalene	0.023	J	0.37	0.010	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Hexachlorocyclopentadiene	0.032	U	0.37	0.032	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2-Nitroaniline	0.028	U	0.37	0.028	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Dimethyl phthalate	0.084	U	0.37	0.084	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Acenaphthylene	0.032	J	0.37	0.011	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2,6-Dinitrotoluene	0.027	U	0.075	0.027	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
3-Nitroaniline	0.087	U	0.37	0.087	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Acenaphthene	0.090	J	0.37	0.010	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Dibenzofuran	0.069	J	0.37	0.012	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Fluorene	0.11	J	0.37	0.011	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
N-Nitrosodiphenylamine	0.030	U	0.37	0.030	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Hexachlorobenzene	0.017	U	0.037	0.017	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Phenanthrene	1.1		0.37	0.0065	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Anthracene	0.26	J	0.37	0.011	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Carbazole	0.11	J	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Fluoranthene	1.5		0.37	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Pyrene	1.2		0.37	0.0092	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Benzidine	0.077	U	0.37	0.077	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	✳	10/13/22 20:00	10/14/22 13:12	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C

Lab Sample ID: 460-267346-6

Date Collected: 10/12/22 12:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.72		0.037	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Chrysene	0.72		0.37	0.0062	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Bis(2-ethylhexyl) phthalate	0.023	J	0.37	0.019	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Benzo[b]fluoranthene	0.84		0.037	0.0095	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Benzo[k]fluoranthene	0.37		0.037	0.0072	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Benzo[a]pyrene	0.63		0.037	0.0098	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Indeno[1,2,3-cd]pyrene	0.37		0.037	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Dibenz(a,h)anthracene	0.10		0.037	0.016	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Benzo[g,h,i]perylene	0.28	J	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
1,2-Diphenylhydrazine	0.014	U	0.37	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
1,1'-Biphenyl	0.013	U	0.37	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Benzaldehyde	0.061	U	0.37	0.061	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Caprolactam	0.057	U	0.37	0.057	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/13/22 20:00	10/14/22 13:12	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzo[e]pyrene	0.38	J N	mg/Kg	☼	13.05	192-97-2	10/13/22 20:00	10/14/22 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	68		16 - 125	10/13/22 20:00	10/14/22 13:12	1
Phenol-d5 (Surr)	67		23 - 120	10/13/22 20:00	10/14/22 13:12	1
Terphenyl-d14 (Surr)	80		25 - 126	10/13/22 20:00	10/14/22 13:12	1
2,4,6-Tribromophenol (Surr)	87		10 - 123	10/13/22 20:00	10/14/22 13:12	1
2-Fluorophenol (Surr)	62		18 - 123	10/13/22 20:00	10/14/22 13:12	1
2-Fluorobiphenyl	79		22 - 122	10/13/22 20:00	10/14/22 13:12	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/16/22 10:30	10/16/22 23:49	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 23:49	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 23:49	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/16/22 10:30	10/16/22 23:49	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:49	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:49	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/16/22 10:30	10/16/22 23:49	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/16/22 10:30	10/16/22 23:49	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/16/22 10:30	10/16/22 23:49	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/16/22 10:30	10/16/22 23:49	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/16/22 10:30	10/16/22 23:49	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/16/22 10:30	10/16/22 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		37 - 150	10/16/22 10:30	10/16/22 23:49	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C

Lab Sample ID: 460-267346-6

Date Collected: 10/12/22 12:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	104		46 - 139	10/16/22 10:30	10/16/22 23:49	1
2-Fluorophenol (Surr)	52		19 - 80	10/16/22 10:30	10/16/22 23:49	1
Nitrobenzene-d5 (Surr)	101		52 - 137	10/16/22 10:30	10/16/22 23:49	1
Phenol-d5 (Surr)	34		10 - 56	10/16/22 10:30	10/16/22 23:49	1
Terphenyl-d14 (Surr)	48		22 - 150	10/16/22 10:30	10/16/22 23:49	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0025	J	0.0075	0.0013	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
4,4'-DDE	0.00088	U	0.0075	0.00088	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
4,4'-DDT	0.017		0.0075	0.0014	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Aldrin	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
alpha-BHC	0.00076	U	0.0022	0.00076	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
beta-BHC	0.00084	U	0.0022	0.00084	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Chlordane (technical)	0.018	U	0.075	0.018	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
delta-BHC	0.00046	U	0.0022	0.00046	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Dieldrin	0.00097	U	0.0022	0.00097	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Endosulfan I	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Endosulfan II	0.0019	U	0.0075	0.0019	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Endosulfan sulfate	0.00094	U	0.0075	0.00094	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Endrin	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Endrin aldehyde	0.0018	U	0.0075	0.0018	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Endrin ketone	0.0015	U	0.0075	0.0015	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
gamma-BHC (Lindane)	0.00069	U	0.0022	0.00069	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Heptachlor	0.00088	U	0.0075	0.00088	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Heptachlor epoxide	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Methoxychlor	0.0017	U	0.0075	0.0017	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1
Toxaphene	0.027	U	0.075	0.027	mg/Kg	✱	10/13/22 17:47	10/14/22 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		43 - 150	10/13/22 17:47	10/14/22 10:36	1
DCB Decachlorobiphenyl	59		43 - 150	10/13/22 17:47	10/14/22 10:36	1
Tetrachloro-m-xylene	59		26 - 137	10/13/22 17:47	10/14/22 10:36	1
Tetrachloro-m-xylene	56		26 - 137	10/13/22 17:47	10/14/22 10:36	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/16/22 09:37	10/17/22 07:04	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 07:04	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/16/22 09:37	10/17/22 07:04	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/16/22 09:37	10/17/22 07:04	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/16/22 09:37	10/17/22 07:04	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 07:04	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/16/22 09:37	10/17/22 07:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		15 - 121	10/16/22 09:37	10/17/22 07:04	1
DCB Decachlorobiphenyl	67		15 - 121	10/16/22 09:37	10/17/22 07:04	1
Tetrachloro-m-xylene	62		17 - 120	10/16/22 09:37	10/17/22 07:04	1
Tetrachloro-m-xylene	59		17 - 120	10/16/22 09:37	10/17/22 07:04	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C

Lab Sample ID: 460-267346-6

Date Collected: 10/12/22 12:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 89.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor 1221	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor 1232	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor 1242	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor 1248	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor 1254	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor 1260	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor-1262	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Aroclor 1268	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1
Polychlorinated biphenyls, Total	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		10 - 150	10/13/22 17:36	10/14/22 14:09	1
DCB Decachlorobiphenyl	135		10 - 150	10/13/22 17:36	10/14/22 14:09	1
Tetrachloro-m-xylene	93		42 - 150	10/13/22 17:36	10/14/22 14:09	1
Tetrachloro-m-xylene	118		42 - 150	10/13/22 17:36	10/14/22 14:09	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.014	U	0.037	0.014	mg/Kg	✳	10/14/22 07:52	10/14/22 19:04	1
Silvex (2,4,5-TP)	0.0039	U	0.037	0.0039	mg/Kg	✳	10/14/22 07:52	10/14/22 19:04	1
2,4,5-T	0.0079	U	0.037	0.0079	mg/Kg	✳	10/14/22 07:52	10/14/22 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	119		27 - 150	10/14/22 07:52	10/14/22 19:04	1
2,4-Dichlorophenylacetic acid	135		27 - 150	10/14/22 07:52	10/14/22 19:04	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 19:24	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 19:24	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	19		10 - 150	10/16/22 09:48	10/17/22 19:24	1
2,4-Dichlorophenylacetic acid	19		10 - 150	10/16/22 09:48	10/17/22 19:24	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	130		16	16	mg/Kg	✳	10/14/22 09:15	10/15/22 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		40 - 140	10/14/22 09:15	10/15/22 17:30	1
1-Chlorooctadecane	104		40 - 140	10/14/22 09:15	10/15/22 17:30	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.12	J	0.43	0.095	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Aluminum	11000		21.3	5.8	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Arsenic	6.0		1.1	0.11	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Barium	81.8		2.1	0.15	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C

Lab Sample ID: 460-267346-6

Date Collected: 10/12/22 12:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 89.6

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.64		0.43	0.061	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Calcium	6290		106	18.8	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Cadmium	0.31	J	1.1	0.12	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Cobalt	8.8		2.1	0.16	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Chromium	22.2		2.1	0.97	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Copper	27.5		2.1	0.39	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Iron	20200		63.8	21.5	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Potassium	1710		106	17.2	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Magnesium	3720		106	10.8	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Manganese	272		4.3	0.43	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Sodium	115		106	48.6	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Nickel	14.2		2.1	0.50	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Lead	113		0.64	0.21	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Antimony	0.28	J	1.1	0.16	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Selenium	0.25	J	1.3	0.14	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Thallium	0.15	J	0.43	0.044	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Vanadium	30.3		2.1	0.22	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1
Zinc	104		8.5	3.2	mg/Kg	✳	10/16/22 09:17	10/17/22 21:44	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/16/22 19:35	10/17/22 14:13	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/16/22 19:35	10/17/22 14:13	10
Barium	0.56		0.040	0.0091	mg/L		10/16/22 19:35	10/17/22 14:13	10
Cadmium	0.0042	J	0.020	0.0039	mg/L		10/16/22 19:35	10/17/22 14:13	10
Chromium	0.025	U	0.040	0.025	mg/L		10/16/22 19:35	10/17/22 14:13	10
Lead	0.17		0.012	0.0084	mg/L		10/16/22 19:35	10/17/22 14:13	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/16/22 19:35	10/17/22 14:13	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 11:11	10/18/22 14:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.38		0.018	0.0086	mg/Kg	✳	10/14/22 00:17	10/14/22 04:13	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF			SU			10/18/22 13:58	1
Temperature (SW846 9045D)	21.3	HF			Degrees C			10/18/22 13:58	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/18/22 13:58	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.13	U	0.23	0.13	mg/L	✳	10/15/22 19:24	10/16/22 15:48	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/18/22 12:14	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/17/22 10:30	1
Percent Moisture (EPA Moisture)	10.4		1.0	1.0	%			10/14/22 07:12	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C

Lab Sample ID: 460-267346-6

Date Collected: 10/12/22 12:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 89.6

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.6		1.0	1.0	%			10/14/22 07:12	1
Total Volatile Solids (SM 2540G)	2.9		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			11/01/22 16:09	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			11/01/22 16:09	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			11/01/22 16:09	1
9.5 mm (Sieve Size 0.375 inch)	98.0				% Finer			11/01/22 16:09	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			11/01/22 16:09	1
4.75 mm (Sieve Size #4)	90.2				% Finer			11/01/22 16:09	1
2 mm (Sieve Size #10)	84.5				% Finer			11/01/22 16:09	1
0.85 mm (Sieve Size #20)	78.5				% Finer			11/01/22 16:09	1
0.425 mm (Sieve Size #40)	68.9				% Finer			11/01/22 16:09	1
0.25 mm (Sieve Size #60)	55.4				% Finer			11/01/22 16:09	1
0.18 mm (Sieve Size #80)	48.7				% Finer			11/01/22 16:09	1
0.15 mm (Sieve Size #100)	48.2				% Finer			11/01/22 16:09	1
0.075 mm (Sieve Size #200)	46.1				% Finer			11/01/22 16:09	1
Clay	19.5				%			11/01/22 16:09	1
Gravel	9.8				%			11/01/22 16:09	1
Coarse Sand	5.7				%			11/01/22 16:09	1
Fine Sand	22.8				%			11/01/22 16:09	1
Medium Sand	15.6				%			11/01/22 16:09	1
Sand	44.1				%			11/01/22 16:09	1
Silt	26.6				%			11/01/22 16:09	1

Client Sample ID: B-07-G

Lab Sample ID: 460-267346-7

Date Collected: 10/12/22 13:30

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00047	U	0.0011	0.00047	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Bromomethane	0.0011	U	0.0022	0.0011	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Vinyl chloride	0.00059	U	0.0011	0.00059	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Chloroethane	0.00056	U	0.0011	0.00056	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Methylene Chloride	0.0012	U	0.0022	0.0012	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Acetone	0.0062	U	0.0065	0.0062	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Carbon disulfide	0.00080	J	0.0011	0.00029	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Trichlorofluoromethane	0.00044	U	0.0011	0.00044	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
1,1-Dichloroethene	0.00024	U	0.0011	0.00024	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
cis-1,2-Dichloroethene	0.00039	U	0.0011	0.00039	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Chloroform	0.0010	U	0.0011	0.0010	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
1,2-Dichloroethane	0.00032	U	0.0011	0.00032	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
2-Butanone (MEK)	0.00040	U	0.0054	0.00040	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Carbon tetrachloride	0.00042	U	0.0011	0.00042	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1
Dichlorobromomethane	0.00028	U	0.0011	0.00028	mg/Kg	✱	10/15/22 10:38	10/18/22 02:48	1

Eurolins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-G

Lab Sample ID: 460-267346-7

Date Collected: 10/12/22 13:30

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.00045	U	0.0011	0.00045	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Trichloroethene	0.00035	U	0.0011	0.00035	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Benzene	0.00028	U	0.0011	0.00028	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Bromoform	0.00046	U	0.0011	0.00046	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0054	0.0017	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
2-Hexanone	0.0018	U	0.0054	0.0018	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Tetrachloroethene	0.00033	U	0.0011	0.00033	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Ethylbenzene	0.00021	U	0.0011	0.00021	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Styrene	0.00030	U	0.0011	0.00030	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Acrolein	0.030	U	0.11	0.030	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
TBA	0.0084	U	0.011	0.0084	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Acrylonitrile	0.0052	U	0.011	0.0052	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Methyl tert-butyl ether	0.00055	U	0.0011	0.00055	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Cyclohexane	0.00024	U	0.0011	0.00024	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Ethylene Dibromide	0.00019	U	0.0011	0.00019	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,3-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,2-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Dichlorodifluoromethane	0.00036	U	0.0011	0.00036	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,2,4-Trichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,4-Dioxane	0.0099	U *3 *-	0.11	0.0099	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
1,2-Dibromo-3-Chloropropane	0.00049	U	0.0011	0.00049	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Chlorobromomethane	0.00030	U	0.0011	0.00030	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Isopropylbenzene	0.00031	U	0.0011	0.00031	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Methyl acetate	0.0046	U	0.0054	0.0046	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1
Methylcyclohexane	0.00054	U	0.0011	0.00054	mg/Kg	☼	10/15/22 10:38	10/18/22 02:48	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/15/22 10:38	10/18/22 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		72 - 145	10/15/22 10:38	10/18/22 02:48	1
Toluene-d8 (Surr)	104		80 - 120	10/15/22 10:38	10/18/22 02:48	1
4-Bromofluorobenzene	106		75 - 139	10/15/22 10:38	10/18/22 02:48	1
Dibromofluoromethane (Surr)	115		73 - 139	10/15/22 10:38	10/18/22 02:48	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/17/22 14:01	10

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-G

Lab Sample ID: 460-267346-7

Date Collected: 10/12/22 13:30

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/17/22 14:01	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/17/22 14:01	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/17/22 14:01	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/17/22 14:01	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/17/22 14:01	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/17/22 14:01	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/17/22 14:01	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/17/22 14:01	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/17/22 14:01	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 128					10/17/22 14:01	10
4-Bromofluorobenzene	106		76 - 120					10/17/22 14:01	10
Dibromofluoromethane (Surr)	106		77 - 124					10/17/22 14:01	10
Toluene-d8 (Surr)	110		80 - 120					10/17/22 14:01	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.2		1.0	1.0	%			10/16/22 14:28	1
Percent Solids (EPA Moisture)	88.8		1.0	1.0	%			10/16/22 14:28	1

Client Sample ID: B-07-C

Lab Sample ID: 460-267346-8

Date Collected: 10/12/22 13:50

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2-Chlorophenol	0.013	U	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2-Methylphenol	0.014	U	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4-Methylphenol	0.024	U	0.38	0.024	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2-Nitrophenol	0.038	U	0.38	0.038	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,4-Dimethylphenol	0.045	U	0.38	0.045	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4-Chloro-3-methylphenol	0.021	U	0.38	0.021	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,4,5-Trichlorophenol	0.038	U	0.38	0.038	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,4-Dinitrotoluene	0.041	U	0.076	0.041	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4-Nitrophenol	0.061	U	0.76	0.061	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Pentachlorophenol	0.077	U	0.30	0.077	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
N-Nitrosodimethylamine	0.035	U	0.38	0.035	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Bis(2-chloroethyl)ether	0.013	U	0.038	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
N-Nitrosodi-n-propylamine	0.027	U	0.038	0.027	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Hexachloroethane	0.013	U	0.038	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Nitrobenzene	0.021	U	0.038	0.021	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Naphthalene	0.081	J	0.38	0.0065	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4-Chloroaniline	0.067	U	0.38	0.067	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Hexachlorobutadiene	0.0080	U	0.076	0.0080	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C

Lab Sample ID: 460-267346-8

Date Collected: 10/12/22 13:50

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.034	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Hexachlorocyclopentadiene	0.033	U	0.38	0.033	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2-Chloronaphthalene	0.017	U	0.38	0.017	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2-Nitroaniline	0.029	U	0.38	0.029	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Dimethyl phthalate	0.085	U	0.38	0.085	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Acenaphthylene	0.051	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,6-Dinitrotoluene	0.027	U	0.076	0.027	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
3-Nitroaniline	0.089	U	0.38	0.089	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Acenaphthene	0.11	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Dibenzofuran	0.097	J	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Diethyl phthalate	0.012	U	0.38	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4-Chlorophenyl phenyl ether	0.013	U	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Fluorene	0.14	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4-Nitroaniline	0.043	U	0.38	0.043	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
N-Nitrosodiphenylamine	0.031	U	0.38	0.031	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
4-Bromophenyl phenyl ether	0.015	U	0.38	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Hexachlorobenzene	0.018	U	0.038	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Phenanthrene	1.4		0.38	0.0066	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Anthracene	0.34	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Carbazole	0.15	J	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Di-n-butyl phthalate	0.014	U	0.38	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Fluoranthene	1.9		0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Pyrene	1.5		0.38	0.0094	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Benzidine	0.079	U	0.38	0.079	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Butyl benzyl phthalate	0.018	U	0.38	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Benzo[a]anthracene	0.88		0.038	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Chrysene	0.85		0.38	0.0064	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Bis(2-ethylhexyl) phthalate	0.021	J	0.38	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Di-n-octyl phthalate	0.020	U	0.38	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Benzo[b]fluoranthene	1.0		0.038	0.0097	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Benzo[k]fluoranthene	0.43		0.038	0.0074	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Benzo[a]pyrene	0.74		0.038	0.010	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Indeno[1,2,3-cd]pyrene	0.43		0.038	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Dibenz(a,h)anthracene	0.13		0.038	0.016	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Benzo[g,h,i]perylene	0.33	J	0.38	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
1,2-Diphenylhydrazine	0.015	U	0.38	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
1,1'-Biphenyl	0.015	J	0.38	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Acetophenone	0.018	U	0.38	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Benzaldehyde	0.062	U	0.38	0.062	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Caprolactam	0.059	U	0.38	0.059	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,2'-oxybis[1-chloropropane]	0.0068	U	0.38	0.0068	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.38	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.38	0.025	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
3,3'-Dichlorobenzidine	0.057	U	0.15	0.057	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1
Bis(2-chloroethoxy)methane	0.029	U	0.38	0.029	mg/Kg	☼	10/13/22 20:00	10/14/22 13:35	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzo[e]pyrene	0.44	J/N	mg/Kg	☼	13.05	192-97-2	10/13/22 20:00	10/14/22 13:35	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C

Lab Sample ID: 460-267346-8

Date Collected: 10/12/22 13:50

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	69		16 - 125	10/13/22 20:00	10/14/22 13:35	1
Phenol-d5 (Surr)	69		23 - 120	10/13/22 20:00	10/14/22 13:35	1
Terphenyl-d14 (Surr)	80		25 - 126	10/13/22 20:00	10/14/22 13:35	1
2,4,6-Tribromophenol (Surr)	87		10 - 123	10/13/22 20:00	10/14/22 13:35	1
2-Fluorophenol (Surr)	64		18 - 123	10/13/22 20:00	10/14/22 13:35	1
2-Fluorobiphenyl	80		22 - 122	10/13/22 20:00	10/14/22 13:35	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/16/22 10:30	10/17/22 00:10	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/17/22 00:10	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/17/22 00:10	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/16/22 10:30	10/17/22 00:10	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/17/22 00:10	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/17/22 00:10	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/16/22 10:30	10/17/22 00:10	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/16/22 10:30	10/17/22 00:10	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/16/22 10:30	10/17/22 00:10	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/16/22 10:30	10/17/22 00:10	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/16/22 10:30	10/17/22 00:10	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/16/22 10:30	10/17/22 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		37 - 150	10/16/22 10:30	10/17/22 00:10	1
2-Fluorobiphenyl	100		46 - 139	10/16/22 10:30	10/17/22 00:10	1
2-Fluorophenol (Surr)	49		19 - 80	10/16/22 10:30	10/17/22 00:10	1
Nitrobenzene-d5 (Surr)	99		52 - 137	10/16/22 10:30	10/17/22 00:10	1
Phenol-d5 (Surr)	33		10 - 56	10/16/22 10:30	10/17/22 00:10	1
Terphenyl-d14 (Surr)	44		22 - 150	10/16/22 10:30	10/17/22 00:10	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0076	0.0013	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
4,4'-DDE	0.00090	U	0.0076	0.00090	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
4,4'-DDT	0.020		0.0076	0.0014	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Aldrin	0.0011	U	0.0076	0.0011	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
alpha-BHC	0.00077	U	0.0023	0.00077	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
beta-BHC	0.00085	U	0.0023	0.00085	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Chlordane (technical)	0.12		0.076	0.018	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
delta-BHC	0.00047	U	0.0023	0.00047	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Dieldrin	0.00099	U	0.0023	0.00099	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Endosulfan I	0.0012	U	0.0076	0.0012	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Endosulfan II	0.0020	U	0.0076	0.0020	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Endosulfan sulfate	0.00096	U	0.0076	0.00096	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Endrin	0.0011	U	0.0076	0.0011	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Endrin aldehyde	0.0018	U	0.0076	0.0018	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Endrin ketone	0.0015	U	0.0076	0.0015	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
gamma-BHC (Lindane)	0.00071	U	0.0023	0.00071	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Heptachlor	0.00090	U	0.0076	0.00090	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Heptachlor epoxide	0.0011	U	0.0076	0.0011	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1
Methoxychlor	0.0017	U	0.0076	0.0017	mg/Kg	☆	10/13/22 17:47	10/14/22 10:49	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C

Lab Sample ID: 460-267346-8

Date Collected: 10/12/22 13:50

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.028	U	0.076	0.028	mg/Kg	☼	10/13/22 17:47	10/14/22 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		43 - 150				10/13/22 17:47	10/14/22 10:49	1
DCB Decachlorobiphenyl	57		43 - 150				10/13/22 17:47	10/14/22 10:49	1
Tetrachloro-m-xylene	57		26 - 137				10/13/22 17:47	10/14/22 10:49	1
Tetrachloro-m-xylene	54		26 - 137				10/13/22 17:47	10/14/22 10:49	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/16/22 09:37	10/17/22 07:16	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 07:16	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/16/22 09:37	10/17/22 07:16	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/16/22 09:37	10/17/22 07:16	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/16/22 09:37	10/17/22 07:16	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 07:16	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/16/22 09:37	10/17/22 07:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		15 - 121				10/16/22 09:37	10/17/22 07:16	1
DCB Decachlorobiphenyl	85		15 - 121				10/16/22 09:37	10/17/22 07:16	1
Tetrachloro-m-xylene	60		17 - 120				10/16/22 09:37	10/17/22 07:16	1
Tetrachloro-m-xylene	56		17 - 120				10/16/22 09:37	10/17/22 07:16	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor 1221	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor 1232	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor 1242	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor 1248	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor 1254	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor 1260	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor-1262	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Aroclor 1268	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Polychlorinated biphenyls, Total	0.020	U	0.076	0.020	mg/Kg	☼	10/13/22 17:36	10/14/22 14:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	123		10 - 150				10/13/22 17:36	10/14/22 14:31	1
DCB Decachlorobiphenyl	154	S1+	10 - 150				10/13/22 17:36	10/14/22 14:31	1
Tetrachloro-m-xylene	108		42 - 150				10/13/22 17:36	10/14/22 14:31	1
Tetrachloro-m-xylene	133		42 - 150				10/13/22 17:36	10/14/22 14:31	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.014	U	0.038	0.014	mg/Kg	☼	10/14/22 07:52	10/14/22 19:18	1
Silvex (2,4,5-TP)	0.0039	U	0.038	0.0039	mg/Kg	☼	10/14/22 07:52	10/14/22 19:18	1
2,4,5-T	0.0081	U	0.038	0.0081	mg/Kg	☼	10/14/22 07:52	10/14/22 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	89		27 - 150				10/14/22 07:52	10/14/22 19:18	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C

Lab Sample ID: 460-267346-8

Date Collected: 10/12/22 13:50

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.7

Method: SW846 8151A - Herbicides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	113		27 - 150	10/14/22 07:52	10/14/22 19:18	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 19:37	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 19:37	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	83		10 - 150	10/16/22 09:48	10/17/22 19:37	1
2,4-Dichlorophenylacetic acid	87		10 - 150	10/16/22 09:48	10/17/22 19:37	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	160		16	16	mg/Kg	☼	10/14/22 09:15	10/15/22 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	63		40 - 140	10/14/22 09:15	10/15/22 17:48	1
1-Chlorooctadecane	67		40 - 140	10/14/22 09:15	10/15/22 17:48	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	J	0.35	0.077	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Aluminum	12000		17.4	4.8	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Arsenic	5.6		0.87	0.090	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Barium	81.2		1.7	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Beryllium	0.55		0.35	0.050	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Calcium	8030		87.0	15.4	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Cadmium	0.26	J	0.87	0.098	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Cobalt	7.7		1.7	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Chromium	23.0		1.7	0.79	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Copper	26.1		1.7	0.32	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Iron	19700		52.2	17.6	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Potassium	1590		87.0	14.1	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Magnesium	4080		87.0	8.9	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Manganese	259		3.5	0.35	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Sodium	113		87.0	39.8	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Nickel	13.0		1.7	0.41	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Lead	116		0.52	0.17	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Antimony	0.63	J	0.87	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Selenium	0.40	J	1.1	0.11	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Thallium	0.14	J	0.35	0.036	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Vanadium	28.0		1.7	0.18	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1
Zinc	111		7.0	2.7	mg/Kg	☼	10/16/22 23:00	10/18/22 13:58	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/16/22 19:35	10/17/22 14:15	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/16/22 19:35	10/17/22 14:15	10
Barium	0.51		0.040	0.0091	mg/L		10/16/22 19:35	10/17/22 14:15	10

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C

Lab Sample ID: 460-267346-8

Date Collected: 10/12/22 13:50

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 87.7

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0048	J	0.020	0.0039	mg/L		10/16/22 19:35	10/17/22 14:15	10
Chromium	0.025	U	0.040	0.025	mg/L		10/16/22 19:35	10/17/22 14:15	10
Lead	0.20		0.012	0.0084	mg/L		10/16/22 19:35	10/17/22 14:15	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/16/22 19:35	10/17/22 14:15	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 11:11	10/18/22 14:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.25		0.019	0.0088	mg/Kg	☆	10/14/22 00:17	10/14/22 04:14	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2	HF			SU			10/18/22 14:00	1
Temperature (SW846 9045D)	21.3	HF			Degrees C			10/18/22 14:00	1
Corrosivity (SW846 9045D)	8.2	HF			SU			10/18/22 14:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.12	U	0.23	0.12	mg/L	☆	10/15/22 19:24	10/16/22 15:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/18/22 12:14	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/17/22 10:35	1
Percent Moisture (EPA Moisture)	12.3		1.0	1.0	%			10/14/22 07:12	1
Percent Solids (EPA Moisture)	87.7		1.0	1.0	%			10/14/22 07:12	1
Total Volatile Solids (SM 2540G)	2.4		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			11/01/22 16:12	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			11/01/22 16:12	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			11/01/22 16:12	1
9.5 mm (Sieve Size 0.375 inch)	92.0				% Finer			11/01/22 16:12	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			11/01/22 16:12	1
4.75 mm (Sieve Size #4)	88.0				% Finer			11/01/22 16:12	1
2 mm (Sieve Size #10)	82.9				% Finer			11/01/22 16:12	1
0.85 mm (Sieve Size #20)	76.6				% Finer			11/01/22 16:12	1
0.425 mm (Sieve Size #40)	67.8				% Finer			11/01/22 16:12	1
0.25 mm (Sieve Size #60)	53.7				% Finer			11/01/22 16:12	1
0.18 mm (Sieve Size #80)	46.8				% Finer			11/01/22 16:12	1
0.15 mm (Sieve Size #100)	46.3				% Finer			11/01/22 16:12	1
0.075 mm (Sieve Size #200)	44.8				% Finer			11/01/22 16:12	1
Clay	18.1				%			11/01/22 16:12	1
Gravel	12.0				%			11/01/22 16:12	1
Coarse Sand	5.1				%			11/01/22 16:12	1
Fine Sand	23.0				%			11/01/22 16:12	1
Medium Sand	15.1				%			11/01/22 16:12	1
Sand	43.2				%			11/01/22 16:12	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C

Date Collected: 10/12/22 13:50

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-8

Matrix: Solid

Percent Solids: 87.7

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Silt	26.7				%			11/01/22 16:12	1

Client Sample ID: B-08-G

Date Collected: 10/12/22 14:35

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-9

Matrix: Solid

Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00051	U	0.0012	0.00051	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Bromomethane	0.0012	U	0.0023	0.0012	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Vinyl chloride	0.00064	U	0.0012	0.00064	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Chloroethane	0.00061	U	0.0012	0.00061	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Methylene Chloride	0.0013	U	0.0023	0.0013	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Acetone	0.22		0.0070	0.0067	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Carbon disulfide	0.0020		0.0012	0.00031	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Trichlorofluoromethane	0.00048	U	0.0012	0.00048	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,1-Dichloroethene	0.00026	U	0.0012	0.00026	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,1-Dichloroethane	0.00024	U	0.0012	0.00024	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
trans-1,2-Dichloroethene	0.00029	U	0.0012	0.00029	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
cis-1,2-Dichloroethene	0.00042	U	0.0012	0.00042	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Chloroform	0.0011	U	0.0012	0.0011	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,2-Dichloroethane	0.00035	U	0.0012	0.00035	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
2-Butanone (MEK)	0.0053	J	0.0059	0.00043	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,1,1-Trichloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Carbon tetrachloride	0.00045	U	0.0012	0.00045	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Dichlorobromomethane	0.00030	U	0.0012	0.00030	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,2-Dichloropropane	0.00050	U	0.0012	0.00050	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
cis-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Trichloroethene	0.00038	U	0.0012	0.00038	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Chlorodibromomethane	0.00023	U	0.0012	0.00023	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Benzene	0.00030	U	0.0012	0.00030	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
trans-1,3-Dichloropropene	0.00031	U	0.0012	0.00031	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Bromoform	0.00050	U	0.0012	0.00050	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0059	0.0018	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
2-Hexanone	0.0020	U	0.0059	0.0020	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Tetrachloroethene	0.00036	U	0.0012	0.00036	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Toluene	0.00027	U	0.0012	0.00027	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Chlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Ethylbenzene	0.00023	U	0.0012	0.00023	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Styrene	0.00033	U	0.0012	0.00033	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
m-Xylene & p-Xylene	0.00020	U	0.0012	0.00020	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
o-Xylene	0.00023	U	0.0012	0.00023	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Acrolein	0.033	U	0.12	0.033	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0012	0.00035	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
TBA	0.016		0.012	0.0092	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Acrylonitrile	0.0057	U	0.012	0.0057	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Methyl tert-butyl ether	0.00060	U	0.0012	0.00060	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1
Cyclohexane	0.00026	U	0.0012	0.00026	mg/Kg	☆	10/15/22 10:38	10/18/22 03:11	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-G

Lab Sample ID: 460-267346-9

Date Collected: 10/12/22 14:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00021	U	0.0012	0.00021	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
1,3-Dichlorobenzene	0.00043	U	0.0012	0.00043	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
1,4-Dichlorobenzene	0.00026	U	0.0012	0.00026	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
1,2-Dichlorobenzene	0.00042	U	0.0012	0.00042	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
Dichlorodifluoromethane	0.00040	U	0.0012	0.00040	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
1,2,4-Trichlorobenzene	0.00042	U	0.0012	0.00042	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
1,4-Dioxane	0.011	U *3 *-	0.12	0.011	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
1,2,3-Trichlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
1,2-Dibromo-3-Chloropropane	0.00054	U	0.0012	0.00054	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
Chlorobromomethane	0.00033	U	0.0012	0.00033	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
Isopropylbenzene	0.00033	U	0.0012	0.00033	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
Methyl acetate	0.0050	U	0.0059	0.0050	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1
Methylcyclohexane	0.00059	U	0.0012	0.00059	mg/Kg	☼	10/15/22 10:38	10/18/22 03:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/15/22 10:38	10/18/22 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		72 - 145	10/15/22 10:38	10/18/22 03:11	1
Toluene-d8 (Surr)	100		80 - 120	10/15/22 10:38	10/18/22 03:11	1
4-Bromofluorobenzene	99		75 - 139	10/15/22 10:38	10/18/22 03:11	1
Dibromofluoromethane (Surr)	114		73 - 139	10/15/22 10:38	10/18/22 03:11	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/17/22 14:26	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/17/22 14:26	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/17/22 14:26	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/17/22 14:26	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/17/22 14:26	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/17/22 14:26	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/17/22 14:26	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/17/22 14:26	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/17/22 14:26	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/17/22 14:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 128		10/17/22 14:26	10
4-Bromofluorobenzene	106		76 - 120		10/17/22 14:26	10
Dibromofluoromethane (Surr)	106		77 - 124		10/17/22 14:26	10
Toluene-d8 (Surr)	106		80 - 120		10/17/22 14:26	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.3		1.0	1.0	%			10/16/22 14:28	1
Percent Solids (EPA Moisture)	86.7		1.0	1.0	%			10/16/22 14:28	1

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2-Nitrophenol	0.037	U	0.37	0.037	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2,4-Dimethylphenol	0.044	U	0.37	0.044	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2,4-Dinitrotoluene	0.040	U	0.075	0.040	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4-Nitrophenol	0.060	U	0.75	0.060	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Pentachlorophenol	0.076	U	0.30	0.076	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
N-Nitrosodimethylamine	0.034	U	0.37	0.034	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Nitrobenzene	0.021	U	0.037	0.021	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Naphthalene	0.044	J	0.37	0.0064	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4-Chloroaniline	0.066	U	0.37	0.066	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Hexachlorobutadiene	0.0079	U	0.075	0.0079	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2-Methylnaphthalene	0.021	J	0.37	0.010	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Hexachlorocyclopentadiene	0.032	U	0.37	0.032	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2-Nitroaniline	0.028	U	0.37	0.028	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Dimethyl phthalate	0.084	U	0.37	0.084	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Acenaphthylene	0.028	J	0.37	0.011	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2,6-Dinitrotoluene	0.027	U	0.075	0.027	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
3-Nitroaniline	0.088	U	0.37	0.088	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Acenaphthene	0.079	J	0.37	0.011	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Dibenzofuran	0.060	J	0.37	0.012	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Fluorene	0.090	J	0.37	0.011	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
N-Nitrosodiphenylamine	0.030	U	0.37	0.030	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Phenanthrene	0.98		0.37	0.0065	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Anthracene	0.22	J	0.37	0.011	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Carbazole	0.12	J	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Fluoranthene	1.4		0.37	0.013	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Pyrene	1.1		0.37	0.0092	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Benzidine	0.078	U	0.37	0.078	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	✳	10/13/22 20:00	10/14/22 13:58	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.67		0.037	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Chrysene	0.65		0.37	0.0063	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Bis(2-ethylhexyl) phthalate	0.021	J	0.37	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Benzo[b]fluoranthene	0.79		0.037	0.0096	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Benzo[k]fluoranthene	0.30		0.037	0.0073	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Benzo[a]pyrene	0.59		0.037	0.0099	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Indeno[1,2,3-cd]pyrene	0.35		0.037	0.014	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Dibenz(a,h)anthracene	0.099		0.037	0.016	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Benzo[g,h,i]perylene	0.27	J	0.37	0.011	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
1,2-Diphenylhydrazine	0.015	U	0.37	0.015	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
1,1'-Biphenyl	0.013	U	0.37	0.013	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Benzaldehyde	0.061	U	0.37	0.061	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Caprolactam	0.058	U	0.37	0.058	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/13/22 20:00	10/14/22 13:58	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzo[e]pyrene	0.34	J N	mg/Kg	☼	13.04	192-97-2	10/13/22 20:00	10/14/22 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		16 - 125	10/13/22 20:00	10/14/22 13:58	1
Phenol-d5 (Surr)	66		23 - 120	10/13/22 20:00	10/14/22 13:58	1
Terphenyl-d14 (Surr)	81		25 - 126	10/13/22 20:00	10/14/22 13:58	1
2,4,6-Tribromophenol (Surr)	86		10 - 123	10/13/22 20:00	10/14/22 13:58	1
2-Fluorophenol (Surr)	63		18 - 123	10/13/22 20:00	10/14/22 13:58	1
2-Fluorobiphenyl	81		22 - 122	10/13/22 20:00	10/14/22 13:58	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/16/22 10:30	10/17/22 00:31	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/17/22 00:31	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/17/22 00:31	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/16/22 10:30	10/17/22 00:31	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/17/22 00:31	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/17/22 00:31	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/16/22 10:30	10/17/22 00:31	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/16/22 10:30	10/17/22 00:31	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/16/22 10:30	10/17/22 00:31	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/16/22 10:30	10/17/22 00:31	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/16/22 10:30	10/17/22 00:31	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/16/22 10:30	10/17/22 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		37 - 150	10/16/22 10:30	10/17/22 00:31	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	103		46 - 139	10/16/22 10:30	10/17/22 00:31	1
2-Fluorophenol (Surr)	52		19 - 80	10/16/22 10:30	10/17/22 00:31	1
Nitrobenzene-d5 (Surr)	102		52 - 137	10/16/22 10:30	10/17/22 00:31	1
Phenol-d5 (Surr)	34		10 - 56	10/16/22 10:30	10/17/22 00:31	1
Terphenyl-d14 (Surr)	50		22 - 150	10/16/22 10:30	10/17/22 00:31	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0075	0.0013	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
4,4'-DDE	0.00089	U	0.0075	0.00089	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
4,4'-DDT	0.010		0.0075	0.0014	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Aldrin	0.0011	U	0.0075	0.0011	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
alpha-BHC	0.00076	U	0.0022	0.00076	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
beta-BHC	0.00084	U	0.0022	0.00084	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Chlordane (technical)	0.059	J p	0.075	0.018	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
delta-BHC	0.00046	U	0.0022	0.00046	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Dieldrin	0.00098	U	0.0022	0.00098	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Endosulfan I	0.0011	U	0.0075	0.0011	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Endosulfan II	0.0019	U	0.0075	0.0019	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Endosulfan sulfate	0.00094	U	0.0075	0.00094	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Endrin	0.0011	U	0.0075	0.0011	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Endrin aldehyde	0.0018	U	0.0075	0.0018	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Endrin ketone	0.0015	U	0.0075	0.0015	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
gamma-BHC (Lindane)	0.00070	U	0.0022	0.00070	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Heptachlor	0.00089	U	0.0075	0.00089	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Heptachlor epoxide	0.0011	U	0.0075	0.0011	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Methoxychlor	0.0017	U	0.0075	0.0017	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1
Toxaphene	0.027	U	0.075	0.027	mg/Kg	☼	10/13/22 17:47	10/14/22 11:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		43 - 150	10/13/22 17:47	10/14/22 11:01	1
DCB Decachlorobiphenyl	55		43 - 150	10/13/22 17:47	10/14/22 11:01	1
Tetrachloro-m-xylene	58		26 - 137	10/13/22 17:47	10/14/22 11:01	1
Tetrachloro-m-xylene	55		26 - 137	10/13/22 17:47	10/14/22 11:01	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/16/22 09:37	10/17/22 07:28	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 07:28	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/16/22 09:37	10/17/22 07:28	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/16/22 09:37	10/17/22 07:28	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/16/22 09:37	10/17/22 07:28	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/16/22 09:37	10/17/22 07:28	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/16/22 09:37	10/17/22 07:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		15 - 121	10/16/22 09:37	10/17/22 07:28	1
DCB Decachlorobiphenyl	66		15 - 121	10/16/22 09:37	10/17/22 07:28	1
Tetrachloro-m-xylene	56		17 - 120	10/16/22 09:37	10/17/22 07:28	1
Tetrachloro-m-xylene	72		17 - 120	10/16/22 09:37	10/17/22 07:28	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor 1221	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor 1232	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor 1242	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor 1248	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor 1254	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor 1260	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor-1262	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Aroclor 1268	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1
Polychlorinated biphenyls, Total	0.020	U	0.075	0.020	mg/Kg	✳	10/13/22 17:36	10/14/22 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		10 - 150	10/13/22 17:36	10/14/22 14:53	1
DCB Decachlorobiphenyl	139		10 - 150	10/13/22 17:36	10/14/22 14:53	1
Tetrachloro-m-xylene	101		42 - 150	10/13/22 17:36	10/14/22 14:53	1
Tetrachloro-m-xylene	126		42 - 150	10/13/22 17:36	10/14/22 14:53	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.014	U	0.037	0.014	mg/Kg	✳	10/14/22 07:52	10/14/22 19:31	1
Silvex (2,4,5-TP)	0.0039	U	0.037	0.0039	mg/Kg	✳	10/14/22 07:52	10/14/22 19:31	1
2,4,5-T	0.0080	U	0.037	0.0080	mg/Kg	✳	10/14/22 07:52	10/14/22 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	96		27 - 150	10/14/22 07:52	10/14/22 19:31	1
2,4-Dichlorophenylacetic acid	106		27 - 150	10/14/22 07:52	10/14/22 19:31	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 19:51	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 19:51	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	19		10 - 150	10/16/22 09:48	10/17/22 19:51	1
2,4-Dichlorophenylacetic acid	19		10 - 150	10/16/22 09:48	10/17/22 19:51	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	150		16	16	mg/Kg	✳	10/14/22 09:15	10/15/22 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	108		40 - 140	10/14/22 09:15	10/15/22 18:06	1
1-Chlorooctadecane	123		40 - 140	10/14/22 09:15	10/15/22 18:06	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.096	J	0.34	0.075	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Aluminum	8930		16.8	4.6	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Arsenic	5.1		0.84	0.086	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Barium	55.1		1.7	0.12	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.9

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.53		0.34	0.048	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Calcium	6630		84.0	14.9	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Cadmium	0.28	J	0.84	0.095	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Cobalt	6.3		1.7	0.12	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Chromium	18.0		1.7	0.76	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Copper	28.6		1.7	0.31	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Iron	16100		50.4	17.0	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Potassium	1190		84.0	13.6	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Magnesium	2570		84.0	8.6	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Manganese	192		3.4	0.34	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Sodium	74.0	J	84.0	38.4	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Nickel	11.1		1.7	0.39	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Lead	87.5		0.50	0.17	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Antimony	0.68	J	0.84	0.12	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Selenium	0.30	J	1.0	0.11	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Thallium	0.091	J	0.34	0.034	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Vanadium	21.9		1.7	0.17	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1
Zinc	86.5		6.7	2.6	mg/Kg	✳	10/16/22 23:00	10/18/22 14:01	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/16/22 19:35	10/17/22 14:23	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/16/22 19:35	10/17/22 14:23	10
Barium	0.53		0.040	0.0091	mg/L		10/16/22 19:35	10/17/22 14:23	10
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/16/22 19:35	10/17/22 14:23	10
Chromium	0.025	U	0.040	0.025	mg/L		10/16/22 19:35	10/17/22 14:23	10
Lead	0.23		0.012	0.0084	mg/L		10/16/22 19:35	10/17/22 14:23	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/16/22 19:35	10/17/22 14:23	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 11:11	10/18/22 14:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.32		0.019	0.0090	mg/Kg	✳	10/14/22 00:17	10/14/22 04:16	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF			SU			10/18/22 14:03	1
Temperature (SW846 9045D)	21.3	HF			Degrees C			10/18/22 14:03	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/18/22 14:03	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.12	U	0.23	0.12	mg/L	✳	10/15/22 19:24	10/16/22 15:50	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/18/22 12:14	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/17/22 10:40	1
Percent Moisture (EPA Moisture)	11.1		1.0	1.0	%			10/16/22 13:56	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.9

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.9		1.0	1.0	%			10/16/22 13:56	1
Total Volatile Solids (SM 2540G)	1.9		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			11/01/22 16:13	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			11/01/22 16:13	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			11/01/22 16:13	1
9.5 mm (Sieve Size 0.375 inch)	98.8				% Finer			11/01/22 16:13	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			11/01/22 16:13	1
4.75 mm (Sieve Size #4)	95.3				% Finer			11/01/22 16:13	1
2 mm (Sieve Size #10)	89.3				% Finer			11/01/22 16:13	1
0.85 mm (Sieve Size #20)	83.3				% Finer			11/01/22 16:13	1
0.425 mm (Sieve Size #40)	74.4				% Finer			11/01/22 16:13	1
0.25 mm (Sieve Size #60)	55.9				% Finer			11/01/22 16:13	1
0.18 mm (Sieve Size #80)	48.5				% Finer			11/01/22 16:13	1
0.15 mm (Sieve Size #100)	48.0				% Finer			11/01/22 16:13	1
0.075 mm (Sieve Size #200)	46.6				% Finer			11/01/22 16:13	1
Clay	14.9				%			11/01/22 16:13	1
Gravel	4.7				%			11/01/22 16:13	1
Coarse Sand	6.0				%			11/01/22 16:13	1
Fine Sand	27.8				%			11/01/22 16:13	1
Medium Sand	14.9				%			11/01/22 16:13	1
Sand	48.7				%			11/01/22 16:13	1
Silt	31.7				%			11/01/22 16:13	1

Client Sample ID: Test Blank

Lab Sample ID: 460-267346-11

Date Collected: 10/12/22 15:00

Matrix: Water

Date Received: 10/12/22 20:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			10/14/22 11:20	1
Bromomethane	0.55	U **	1.0	0.55	ug/L			10/14/22 11:20	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			10/14/22 11:20	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/14/22 11:20	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/14/22 11:20	1
Acetone	4.4	U	5.0	4.4	ug/L			10/14/22 11:20	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/14/22 11:20	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/14/22 11:20	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/14/22 11:20	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			10/14/22 11:20	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/14/22 11:20	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			10/14/22 11:20	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/14/22 11:20	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/14/22 11:20	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/14/22 11:20	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/14/22 11:20	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/14/22 11:20	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/14/22 11:20	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: Test Blank

Lab Sample ID: 460-267346-11

Date Collected: 10/12/22 15:00

Matrix: Water

Date Received: 10/12/22 20:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/14/22 11:20	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/14/22 11:20	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/14/22 11:20	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/14/22 11:20	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/14/22 11:20	1
Benzene	0.20	U	1.0	0.20	ug/L			10/14/22 11:20	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/14/22 11:20	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/14/22 11:20	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/14/22 11:20	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/14/22 11:20	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/14/22 11:20	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/14/22 11:20	1
Toluene	0.38	U	1.0	0.38	ug/L			10/14/22 11:20	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/14/22 11:20	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/14/22 11:20	1
Styrene	0.42	U	1.0	0.42	ug/L			10/14/22 11:20	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/14/22 11:20	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/14/22 11:20	1
Acrolein	2.4	U	4.0	2.4	ug/L			10/14/22 11:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/14/22 11:20	1
TBA	8.3	U	10	8.3	ug/L			10/14/22 11:20	1
Acrylonitrile	1.8	U	2.0	1.8	ug/L			10/14/22 11:20	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/14/22 11:20	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/14/22 11:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/14/22 11:20	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/14/22 11:20	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/14/22 11:20	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/14/22 11:20	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/14/22 11:20	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/14/22 11:20	1
1,4-Dioxane	28	U	50	28	ug/L			10/14/22 11:20	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/14/22 11:20	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/14/22 11:20	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/14/22 11:20	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/14/22 11:20	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/14/22 11:20	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/14/22 11:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/14/22 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 128		10/14/22 11:20	1
Toluene-d8 (Surr)	103		80 - 120		10/14/22 11:20	1
4-Bromofluorobenzene	111		76 - 120		10/14/22 11:20	1
Dibromofluoromethane (Surr)	110		77 - 124		10/14/22 11:20	1

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-G

Lab Sample ID: 460-267459-1

Date Collected: 10/13/22 08:10

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00040	U	0.00093	0.00040	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Bromomethane	0.00093	U	0.0019	0.00093	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Vinyl chloride	0.00051	U	0.00093	0.00051	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Chloroethane	0.00048	U	0.00093	0.00048	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Methylene Chloride	0.0011	U	0.0019	0.0011	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Acetone	0.0067		0.0056	0.0053	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Carbon disulfide	0.00025	U **	0.00093	0.00025	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Trichlorofluoromethane	0.00038	U	0.00093	0.00038	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,1-Dichloroethene	0.00021	U	0.00093	0.00021	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,1-Dichloroethane	0.00019	U	0.00093	0.00019	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
trans-1,2-Dichloroethene	0.00023	U	0.00093	0.00023	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
cis-1,2-Dichloroethene	0.00033	U	0.00093	0.00033	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Chloroform	0.00090	U	0.00093	0.00090	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,2-Dichloroethane	0.00027	U	0.00093	0.00027	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
2-Butanone (MEK)	0.00034	U	0.0046	0.00034	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,1,1-Trichloroethane	0.00022	U **	0.00093	0.00022	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Carbon tetrachloride	0.00036	U **	0.00093	0.00036	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Dichlorobromomethane	0.00024	U **	0.00093	0.00024	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,2-Dichloropropane	0.00039	U	0.00093	0.00039	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
cis-1,3-Dichloropropene	0.00025	U	0.00093	0.00025	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Trichloroethene	0.00030	U	0.00093	0.00030	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Chlorodibromomethane	0.00018	U **	0.00093	0.00018	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,1,2-Trichloroethane	0.00017	U	0.00093	0.00017	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Benzene	0.00024	U	0.00093	0.00024	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
trans-1,3-Dichloropropene	0.00025	U	0.00093	0.00025	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Bromoform	0.00039	U **	0.00093	0.00039	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0046	0.0014	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
2-Hexanone	0.0016	U **	0.0046	0.0016	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Tetrachloroethene	0.00028	U	0.00093	0.00028	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,1,2,2-Tetrachloroethane	0.00020	U	0.00093	0.00020	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Toluene	0.00022	U	0.00093	0.00022	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Chlorobenzene	0.00016	U	0.00093	0.00016	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Ethylbenzene	0.00018	U	0.00093	0.00018	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Styrene	0.00026	U	0.00093	0.00026	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
m-Xylene & p-Xylene	0.00016	U	0.00093	0.00016	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
o-Xylene	0.00018	U	0.00093	0.00018	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Acrolein	0.026	U	0.093	0.026	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00028	U	0.00093	0.00028	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
TBA	0.0073	U	0.0093	0.0073	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Acrylonitrile	0.0045	U	0.0093	0.0045	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Methyl tert-butyl ether	0.00047	U	0.00093	0.00047	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Cyclohexane	0.00020	U	0.00093	0.00020	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Ethylene Dibromide	0.00017	U	0.00093	0.00017	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,3-Dichlorobenzene	0.00034	U	0.00093	0.00034	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,4-Dichlorobenzene	0.00021	U	0.00093	0.00021	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,2-Dichlorobenzene	0.00033	U	0.00093	0.00033	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Dichlorodifluoromethane	0.00031	U	0.00093	0.00031	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,2,4-Trichlorobenzene	0.00033	U	0.00093	0.00033	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,4-Dioxane	0.0085	U	0.093	0.0085	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-G

Lab Sample ID: 460-267459-1

Date Collected: 10/13/22 08:10

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.00017	U	0.00093	0.00017	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
1,2-Dibromo-3-Chloropropane	0.00043	U	0.00093	0.00043	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Chlorobromomethane	0.00026	U	0.00093	0.00026	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Isopropylbenzene	0.00026	U	0.00093	0.00026	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Methyl acetate	0.0040	U	0.0046	0.0040	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1
Methylcyclohexane	0.00046	U	0.00093	0.00046	mg/Kg	☼	10/16/22 10:45	10/19/22 11:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/16/22 10:45	10/19/22 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		72 - 145	10/16/22 10:45	10/19/22 11:32	1
Toluene-d8 (Surr)	96		80 - 120	10/16/22 10:45	10/19/22 11:32	1
4-Bromofluorobenzene	95		75 - 139	10/16/22 10:45	10/19/22 11:32	1
Dibromofluoromethane (Surr)	114		73 - 139	10/16/22 10:45	10/19/22 11:32	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/19/22 02:42	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/19/22 02:42	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/19/22 02:42	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/19/22 02:42	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/19/22 02:42	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/19/22 02:42	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/19/22 02:42	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/19/22 02:42	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/19/22 02:42	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/19/22 02:42	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		70 - 128		10/19/22 02:42	10
4-Bromofluorobenzene	102		76 - 120		10/19/22 02:42	10
Dibromofluoromethane (Surr)	108		77 - 124		10/19/22 02:42	10
Toluene-d8 (Surr)	109		80 - 120		10/19/22 02:42	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.0		1.0	1.0	%			10/17/22 20:25	1
Percent Solids (EPA Moisture)	87.0		1.0	1.0	%			10/17/22 20:25	1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
2-Chlorophenol	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
2-Methylphenol	0.014	U	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
4-Methylphenol	0.023	U	0.36	0.023	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
2-Nitrophenol	0.037	U	0.36	0.037	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.043	U	0.36	0.043	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2,4-Dichlorophenol	0.023	U	0.15	0.023	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
4-Chloro-3-methylphenol	0.020	U	0.36	0.020	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2,4,6-Trichlorophenol	0.047	U	0.15	0.047	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2,4,5-Trichlorophenol	0.037	U	0.36	0.037	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2,4-Dinitrotoluene	0.039	U	0.074	0.039	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
4-Nitrophenol	0.059	U	0.74	0.059	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
4,6-Dinitro-2-methylphenol	0.15	U	0.29	0.15	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Pentachlorophenol	0.075	U	0.29	0.075	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
N-Nitrosodimethylamine	0.034	U	0.36	0.034	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Bis(2-chloroethyl)ether	0.013	U	0.036	0.013	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
N-Nitrosodi-n-propylamine	0.026	U	0.036	0.026	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Hexachloroethane	0.013	U	0.036	0.013	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Nitrobenzene	0.020	U	0.036	0.020	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Naphthalene	0.047	J	0.36	0.0063	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
4-Chloroaniline	0.065	U	0.36	0.065	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Hexachlorobutadiene	0.0078	U	0.074	0.0078	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2-Methylnaphthalene	0.060	J	0.36	0.010	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Hexachlorocyclopentadiene	0.032	U	0.36	0.032	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2-Chloronaphthalene	0.017	U	0.36	0.017	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2-Nitroaniline	0.028	U	0.36	0.028	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Dimethyl phthalate	0.083	U	0.36	0.083	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Acenaphthylene	0.072	J	0.36	0.010	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2,6-Dinitrotoluene	0.026	U	0.074	0.026	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
3-Nitroaniline	0.086	U	0.36	0.086	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Acenaphthene	0.064	J	0.36	0.010	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Dibenzofuran	0.048	J	0.36	0.012	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
2,4-Dinitrophenol	0.18	U	0.29	0.18	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Diethyl phthalate	0.012	U	0.36	0.012	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
4-Chlorophenyl phenyl ether	0.013	U	0.36	0.013	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Fluorene	0.080	J	0.36	0.011	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
4-Nitroaniline	0.042	U	0.36	0.042	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
N-Nitrosodiphenylamine	0.030	U	0.36	0.030	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
4-Bromophenyl phenyl ether	0.014	U	0.36	0.014	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Hexachlorobenzene	0.017	U	0.036	0.017	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Phenanthrene	0.83		0.36	0.0064	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Anthracene	0.21	J	0.36	0.011	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Carbazole	0.091	J	0.36	0.014	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Di-n-butyl phthalate	0.014	U	0.36	0.014	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Fluoranthene	1.3		0.36	0.013	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Pyrene	1.1		0.36	0.0091	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Benzidine	0.076	U	0.36	0.076	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Butyl benzyl phthalate	0.017	U	0.36	0.017	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Benzo[a]anthracene	0.70		0.036	0.013	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Chrysene	0.59		0.36	0.0062	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Bis(2-ethylhexyl) phthalate	0.083	J	0.36	0.019	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Di-n-octyl phthalate	0.019	U	0.36	0.019	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1
Benzo[b]fluoranthene	0.81		0.036	0.0094	mg/Kg	✳	10/14/22 19:47	10/17/22 04:32	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.29		0.036	0.0071	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Benzo[a]pyrene	0.61		0.036	0.0097	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Indeno[1,2,3-cd]pyrene	0.44		0.036	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Dibenz(a,h)anthracene	0.11		0.036	0.016	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Benzo[g,h,i]perylene	0.32	J	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
1,2-Diphenylhydrazine	0.014	U	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
1,1'-Biphenyl	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Acetophenone	0.018	U	0.36	0.018	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Benzaldehyde	0.060	U	0.36	0.060	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Caprolactam	0.057	U	0.36	0.057	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Atrazine	0.021	U	0.15	0.021	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
2,2'-oxybis[1-chloropropane]	0.0066	U	0.36	0.0066	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.36	0.025	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
3,3'-Dichlorobenzidine	0.055	U	0.15	0.055	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1
Bis(2-chloroethoxy)methane	0.028	U	0.36	0.028	mg/Kg	☼	10/14/22 19:47	10/17/22 04:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Perylene	0.37	J N	mg/Kg	☼	13.44	198-55-0	10/14/22 19:47	10/17/22 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	75		16 - 125	10/14/22 19:47	10/17/22 04:32	1
Phenol-d5 (Surr)	72		23 - 120	10/14/22 19:47	10/17/22 04:32	1
Terphenyl-d14 (Surr)	86		25 - 126	10/14/22 19:47	10/17/22 04:32	1
2,4,6-Tribromophenol (Surr)	103		10 - 123	10/14/22 19:47	10/17/22 04:32	1
2-Fluorophenol (Surr)	70		18 - 123	10/14/22 19:47	10/17/22 04:32	1
2-Fluorobiphenyl	83		22 - 122	10/14/22 19:47	10/17/22 04:32	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/17/22 21:26	10/18/22 13:30	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 13:30	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 13:30	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/17/22 21:26	10/18/22 13:30	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 13:30	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 13:30	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/17/22 21:26	10/18/22 13:30	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/17/22 21:26	10/18/22 13:30	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/17/22 21:26	10/18/22 13:30	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/17/22 21:26	10/18/22 13:30	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/17/22 21:26	10/18/22 13:30	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/17/22 21:26	10/18/22 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	123		37 - 150	10/17/22 21:26	10/18/22 13:30	1
2-Fluorobiphenyl	126		46 - 139	10/17/22 21:26	10/18/22 13:30	1
2-Fluorophenol (Surr)	57		19 - 80	10/17/22 21:26	10/18/22 13:30	1
Nitrobenzene-d5 (Surr)	119		52 - 137	10/17/22 21:26	10/18/22 13:30	1
Phenol-d5 (Surr)	37		10 - 56	10/17/22 21:26	10/18/22 13:30	1
Terphenyl-d14 (Surr)	77		22 - 150	10/17/22 21:26	10/18/22 13:30	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0074	0.0013	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
4,4'-DDE	0.00087	U	0.0074	0.00087	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
4,4'-DDT	0.0094		0.0074	0.0014	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Aldrin	0.0011	U	0.0074	0.0011	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
alpha-BHC	0.00075	U	0.0022	0.00075	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
beta-BHC	0.00082	U	0.0022	0.00082	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Chlordane (technical)	0.054	J	0.074	0.018	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
delta-BHC	0.00045	U	0.0022	0.00045	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Dieldrin	0.00096	U	0.0022	0.00096	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Endosulfan I	0.0011	U	0.0074	0.0011	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Endosulfan II	0.0019	U	0.0074	0.0019	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Endosulfan sulfate	0.00092	U	0.0074	0.00092	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Endrin	0.0011	U	0.0074	0.0011	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Endrin aldehyde	0.0017	U	0.0074	0.0017	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Endrin ketone	0.0014	U	0.0074	0.0014	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
gamma-BHC (Lindane)	0.00068	U	0.0022	0.00068	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Heptachlor	0.00087	U	0.0074	0.00087	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Heptachlor epoxide	0.0011	U	0.0074	0.0011	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Methoxychlor	0.0017	U	0.0074	0.0017	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1
Toxaphene	0.027	U	0.074	0.027	mg/Kg	✳	10/14/22 17:20	10/17/22 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		43 - 150	10/14/22 17:20	10/17/22 13:01	1
DCB Decachlorobiphenyl	81		43 - 150	10/14/22 17:20	10/17/22 13:01	1
Tetrachloro-m-xylene	83		26 - 137	10/14/22 17:20	10/17/22 13:01	1
Tetrachloro-m-xylene	77		26 - 137	10/14/22 17:20	10/17/22 13:01	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 10:24	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 10:24	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 10:24	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 10:24	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 10:24	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 10:24	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 10:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		15 - 121	10/17/22 21:29	10/18/22 10:24	1
DCB Decachlorobiphenyl	52		15 - 121	10/17/22 21:29	10/18/22 10:24	1
Tetrachloro-m-xylene	48		17 - 120	10/17/22 21:29	10/18/22 10:24	1
Tetrachloro-m-xylene	44		17 - 120	10/17/22 21:29	10/18/22 10:24	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.074	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:12	1
Aroclor 1221	0.020	U	0.074	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:12	1
Aroclor 1232	0.020	U	0.074	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:12	1
Aroclor 1242	0.020	U	0.074	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:12	1
Aroclor 1248	0.020	U	0.074	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:12	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1254	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 11:12	1
Aroclor 1260	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 11:12	1
Aroclor-1262	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 11:12	1
Aroclor 1268	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 11:12	1
Polychlorinated biphenyls, Total	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 11:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		10 - 150	10/14/22 17:04	10/17/22 11:12	1
DCB Decachlorobiphenyl	128		10 - 150	10/14/22 17:04	10/17/22 11:12	1
Tetrachloro-m-xylene	97		42 - 150	10/14/22 17:04	10/17/22 11:12	1
Tetrachloro-m-xylene	121		42 - 150	10/14/22 17:04	10/17/22 11:12	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.013	U	0.037	0.013	mg/Kg	☼	10/19/22 10:36	10/19/22 19:44	1
Silvex (2,4,5-TP)	0.0038	U	0.037	0.0038	mg/Kg	☼	10/19/22 10:36	10/19/22 19:44	1
2,4,5-T	0.0078	U	0.037	0.0078	mg/Kg	☼	10/19/22 10:36	10/19/22 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	86		27 - 150	10/19/22 10:36	10/19/22 19:44	1
2,4-Dichlorophenylacetic acid	91		27 - 150	10/19/22 10:36	10/19/22 19:44	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U ** *1	0.083	0.0050	mg/L		10/18/22 10:44	10/19/22 10:02	1
Silvex (2,4,5-TP)	0.0040	U ** *1	0.083	0.0040	mg/L		10/18/22 10:44	10/19/22 10:02	1
2,4,5-T	0.0020	U ** *1	0.083	0.0020	mg/L		10/18/22 10:44	10/19/22 10:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	65		10 - 150	10/18/22 10:44	10/19/22 10:02	1
2,4-Dichlorophenylacetic acid	66		10 - 150	10/18/22 10:44	10/19/22 10:02	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	160		15	15	mg/Kg	☼	10/16/22 12:23	10/17/22 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	55		40 - 140	10/16/22 12:23	10/17/22 17:52	1
1-Chlorooctadecane	136		40 - 140	10/16/22 12:23	10/17/22 17:52	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.15	J	0.34	0.075	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Aluminum	10200		16.8	4.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Arsenic	6.2		0.84	0.087	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Barium	84.6		1.7	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Beryllium	0.54		0.34	0.048	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Calcium	7160		84.2	14.9	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Cadmium	0.42	J	0.84	0.095	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Cobalt	8.2		1.7	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Chromium	22.1		1.7	0.76	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	45.9		1.7	0.31	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Iron	18600		50.5	17.0	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Potassium	1330		84.2	13.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Magnesium	3040		84.2	8.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Manganese	284		3.4	0.34	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Sodium	100		84.2	38.5	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Nickel	12.8		1.7	0.40	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Lead	223		0.50	0.17	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Antimony	1.1		0.84	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Selenium	0.47	J	1.1	0.11	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Thallium	0.13	J	0.34	0.035	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Vanadium	26.5		1.7	0.17	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1
Zinc	191		6.7	2.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:45	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/18/22 11:37	10/19/22 16:23	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/18/22 11:37	10/19/22 16:23	10
Barium	0.55		0.040	0.0091	mg/L		10/18/22 11:37	10/19/22 16:23	10
Cadmium	0.0054	J	0.020	0.0039	mg/L		10/18/22 11:37	10/19/22 16:23	10
Chromium	0.025	U	0.040	0.025	mg/L		10/18/22 11:37	10/19/22 16:23	10
Lead	0.29		0.012	0.0084	mg/L		10/18/22 11:37	10/19/22 16:23	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/18/22 11:37	10/19/22 16:23	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 11:11	10/18/22 14:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.63		0.018	0.0085	mg/Kg	☼	10/17/22 00:30	10/17/22 04:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF	NONE	NONE	SU			10/19/22 13:51	1
Temperature (SW846 9045D)	21.9	HF			Degrees C			10/19/22 13:51	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/19/22 13:51	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.31		0.26	0.14	mg/Kg	☼	10/19/22 09:27	10/19/22 15:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/19/22 13:12	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/19/22 12:00	1
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			10/17/22 07:20	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			10/17/22 07:20	1
Total Volatile Solids (SM 2540G)	2.4		0.10	0.10	%			10/17/22 08:28	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	5.9				%			10/20/22 16:43	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:43	1
Sand	52.4				%			10/20/22 16:43	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:43	1
Coarse Sand	7.0				%			10/20/22 16:43	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:43	1
Medium Sand	17.0				%			10/20/22 16:43	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:43	1
Fine Sand	28.4				%			10/20/22 16:43	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:43	1
Fines	41.7				%			10/20/22 16:43	1
Sieve Size 0.375 inch - Percent Finer	99.3				% Passing			10/20/22 16:43	1
Sieve Size #4 - Percent Finer	94.1				% Passing			10/20/22 16:43	1
Sieve Size #10 - Percent Finer	87.1				% Passing			10/20/22 16:43	1
Sieve Size #20 - Percent Finer	80.4				% Passing			10/20/22 16:43	1
Sieve Size #40 - Percent Finer	70.1				% Passing			10/20/22 16:43	1
Sieve Size #60 - Percent Finer	58.3				% Passing			10/20/22 16:43	1
Sieve Size #80 - Percent Finer	53.4				% Passing			10/20/22 16:43	1
Sieve Size #100 - Percent Finer	49.4				% Passing			10/20/22 16:43	1
Sieve Size #200 - Percent Finer	41.7				% Passing			10/20/22 16:43	1

Client Sample ID: B-10-G

Lab Sample ID: 460-267459-3

Date Collected: 10/13/22 08:50

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00037	U	0.00085	0.00037	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Bromomethane	0.00085	U	0.0017	0.00085	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Vinyl chloride	0.00046	U	0.00085	0.00046	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Chloroethane	0.00044	U	0.00085	0.00044	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Methylene Chloride	0.00097	U	0.0017	0.00097	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Acetone	0.0048	U	0.0051	0.0048	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Carbon disulfide	0.00022	U *	0.00085	0.00022	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Trichlorofluoromethane	0.00034	U	0.00085	0.00034	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,1-Dichloroethene	0.00019	U	0.00085	0.00019	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,1-Dichloroethane	0.00017	U	0.00085	0.00017	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
trans-1,2-Dichloroethene	0.00021	U	0.00085	0.00021	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
cis-1,2-Dichloroethene	0.00030	U	0.00085	0.00030	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Chloroform	0.00082	U	0.00085	0.00082	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,2-Dichloroethane	0.00025	U	0.00085	0.00025	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
2-Butanone (MEK)	0.00031	U	0.0042	0.00031	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,1,1-Trichloroethane	0.00020	U	0.00085	0.00020	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Carbon tetrachloride	0.00033	U *	0.00085	0.00033	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Dichlorobromomethane	0.00022	U	0.00085	0.00022	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,2-Dichloropropane	0.00036	U	0.00085	0.00036	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
cis-1,3-Dichloropropene	0.00023	U	0.00085	0.00023	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Trichloroethene	0.00027	U	0.00085	0.00027	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-G

Lab Sample ID: 460-267459-3

Date Collected: 10/13/22 08:50

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.00016	U **	0.00085	0.00016	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,1,2-Trichloroethane	0.00015	U	0.00085	0.00015	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Benzene	0.00022	U	0.00085	0.00022	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
trans-1,3-Dichloropropene	0.00022	U	0.00085	0.00022	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Bromoform	0.00036	U **	0.00085	0.00036	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
4-Methyl-2-pentanone (MIBK)	0.0013	U	0.0042	0.0013	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
2-Hexanone	0.0014	U	0.0042	0.0014	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Tetrachloroethene	0.00052	J	0.00085	0.00026	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,1,2,2-Tetrachloroethane	0.00018	U	0.00085	0.00018	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Toluene	0.00020	U	0.00085	0.00020	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Chlorobenzene	0.00015	U	0.00085	0.00015	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Ethylbenzene	0.00017	U	0.00085	0.00017	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Styrene	0.00023	U	0.00085	0.00023	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
m-Xylene & p-Xylene	0.00015	U	0.00085	0.00015	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
o-Xylene	0.00016	U	0.00085	0.00016	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Acrolein	0.024	U	0.085	0.024	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00025	U	0.00085	0.00025	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
TBA	0.0066	U	0.0085	0.0066	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Acrylonitrile	0.0041	U	0.0085	0.0041	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Methyl tert-butyl ether	0.00043	U	0.00085	0.00043	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Cyclohexane	0.00019	U	0.00085	0.00019	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Ethylene Dibromide	0.00015	U	0.00085	0.00015	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,3-Dichlorobenzene	0.00031	U	0.00085	0.00031	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,4-Dichlorobenzene	0.00019	U	0.00085	0.00019	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,2-Dichlorobenzene	0.00031	U	0.00085	0.00031	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Dichlorodifluoromethane	0.00029	U	0.00085	0.00029	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,2,4-Trichlorobenzene	0.00030	U	0.00085	0.00030	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,4-Dioxane	0.0078	U	0.085	0.0078	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,2,3-Trichlorobenzene	0.00015	U	0.00085	0.00015	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
1,2-Dibromo-3-Chloropropane	0.00039	U	0.00085	0.00039	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Chlorobromomethane	0.00024	U	0.00085	0.00024	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Isopropylbenzene	0.00024	U	0.00085	0.00024	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Methyl acetate	0.0036	U	0.0042	0.0036	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1
Methylcyclohexane	0.00042	U	0.00085	0.00042	mg/Kg	☼	10/16/22 10:45	10/19/22 03:22	1

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Santolina triene</i>	<i>0.0043</i>	<i>J N</i>	<i>mg/Kg</i>	<i>☼</i>	<i>9.25</i>	<i>2153-66-4</i>	<i>10/16/22 10:45</i>	<i>10/19/22 03:22</i>	<i>1</i>

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>107</i>		<i>72 - 145</i>	<i>10/16/22 10:45</i>	<i>10/19/22 03:22</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>94</i>		<i>80 - 120</i>	<i>10/16/22 10:45</i>	<i>10/19/22 03:22</i>	<i>1</i>
<i>4-Bromofluorobenzene</i>	<i>98</i>		<i>75 - 139</i>	<i>10/16/22 10:45</i>	<i>10/19/22 03:22</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>111</i>		<i>73 - 139</i>	<i>10/16/22 10:45</i>	<i>10/19/22 03:22</i>	<i>1</i>

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/19/22 03:07	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/19/22 03:07	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/19/22 03:07	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/19/22 03:07	10

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-G

Lab Sample ID: 460-267459-3

Date Collected: 10/13/22 08:50

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/19/22 03:07	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/19/22 03:07	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/19/22 03:07	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/19/22 03:07	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/19/22 03:07	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/19/22 03:07	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		70 - 128		10/19/22 03:07	10
4-Bromofluorobenzene	101		76 - 120		10/19/22 03:07	10
Dibromofluoromethane (Surr)	109		77 - 124		10/19/22 03:07	10
Toluene-d8 (Surr)	109		80 - 120		10/19/22 03:07	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.6		1.0	1.0	%			10/17/22 20:25	1
Percent Solids (EPA Moisture)	88.4		1.0	1.0	%			10/17/22 20:25	1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2-Chlorophenol	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2-Methylphenol	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4-Methylphenol	0.022	U	0.36	0.022	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2-Nitrophenol	0.036	U	0.36	0.036	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,4-Dimethylphenol	0.043	U	0.36	0.043	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,4-Dichlorophenol	0.023	U	0.14	0.023	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4-Chloro-3-methylphenol	0.020	U	0.36	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,4,6-Trichlorophenol	0.046	U	0.14	0.046	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,4,5-Trichlorophenol	0.036	U	0.36	0.036	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,4-Dinitrotoluene	0.038	U	0.072	0.038	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4-Nitrophenol	0.058	U	0.72	0.058	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4,6-Dinitro-2-methylphenol	0.15	U	0.29	0.15	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Pentachlorophenol	0.073	U	0.29	0.073	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
N-Nitrosodimethylamine	0.033	U	0.36	0.033	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Bis(2-chloroethyl)ether	0.012	U	0.036	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
N-Nitrosodi-n-propylamine	0.026	U	0.036	0.026	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Hexachloroethane	0.012	U	0.036	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Nitrobenzene	0.020	U	0.036	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Naphthalene	0.058	J	0.36	0.0062	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4-Chloroaniline	0.063	U	0.36	0.063	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Hexachlorobutadiene	0.0076	U	0.072	0.0076	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2-Methylnaphthalene	0.031	J	0.36	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Hexachlorocyclopentadiene	0.031	U	0.36	0.031	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2-Chloronaphthalene	0.017	U	0.36	0.017	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	0.027	U	0.36	0.027	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Dimethyl phthalate	0.081	U	0.36	0.081	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Acenaphthylene	0.057	J	0.36	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,6-Dinitrotoluene	0.026	U	0.072	0.026	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
3-Nitroaniline	0.085	U	0.36	0.085	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Acenaphthene	0.073	J	0.36	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Dibenzofuran	0.061	J	0.36	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,4-Dinitrophenol	0.18	U	0.29	0.18	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Diethyl phthalate	0.012	U	0.36	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4-Chlorophenyl phenyl ether	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Fluorene	0.082	J	0.36	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4-Nitroaniline	0.041	U	0.36	0.041	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
N-Nitrosodiphenylamine	0.037	J	0.36	0.029	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
4-Bromophenyl phenyl ether	0.014	U	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Hexachlorobenzene	0.017	U	0.036	0.017	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Phenanthrene	1.0		0.36	0.0063	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Anthracene	0.29	J	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Carbazole	0.11	J	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Di-n-butyl phthalate	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Fluoranthene	1.6		0.36	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Pyrene	1.3		0.36	0.0089	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Benzidine	0.075	U	0.36	0.075	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Butyl benzyl phthalate	0.017	U	0.36	0.017	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Benzo[a]anthracene	0.80		0.036	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Chrysene	0.66		0.36	0.0060	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Bis(2-ethylhexyl) phthalate	0.022	J	0.36	0.019	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Di-n-octyl phthalate	0.019	U	0.36	0.019	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Benzo[b]fluoranthene	0.91		0.036	0.0092	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Benzo[k]fluoranthene	0.43		0.036	0.0070	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Benzo[a]pyrene	0.69		0.036	0.0095	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Indeno[1,2,3-cd]pyrene	0.51		0.036	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Dibenz(a,h)anthracene	0.091		0.036	0.015	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Benzo[g,h,i]perylene	0.33	J	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
1,2-Diphenylhydrazine	0.014	U	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
1,1'-Biphenyl	0.012	U	0.36	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Acetophenone	0.018	U	0.36	0.018	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Benzaldehyde	0.059	U	0.36	0.059	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Caprolactam	0.056	U	0.36	0.056	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Atrazine	0.021	U	0.14	0.021	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,2'-oxybis[1-chloropropane]	0.0065	U	0.36	0.0065	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
2,3,4,6-Tetrachlorophenol	0.024	U	0.36	0.024	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
3,3'-Dichlorobenzidine	0.054	U	0.14	0.054	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1
Bis(2-chloroethoxy)methane	0.028	U	0.36	0.028	mg/Kg	☼	10/14/22 19:47	10/16/22 04:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Triphenylene, 2-methyl-	0.29	J N	mg/Kg	☼	9.16	1705-84-6	10/14/22 19:47	10/16/22 04:32	1
Benzo[e]pyrene	0.46	J N	mg/Kg	☼	10.08	192-97-2	10/14/22 19:47	10/16/22 04:32	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		16 - 125	10/14/22 19:47	10/16/22 04:32	1
Phenol-d5 (Surr)	63		23 - 120	10/14/22 19:47	10/16/22 04:32	1
Terphenyl-d14 (Surr)	83		25 - 126	10/14/22 19:47	10/16/22 04:32	1
2,4,6-Tribromophenol (Surr)	81		10 - 123	10/14/22 19:47	10/16/22 04:32	1
2-Fluorophenol (Surr)	61		18 - 123	10/14/22 19:47	10/16/22 04:32	1
2-Fluorobiphenyl	76		22 - 122	10/14/22 19:47	10/16/22 04:32	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/17/22 21:26	10/18/22 13:51	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 13:51	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 13:51	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/17/22 21:26	10/18/22 13:51	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 13:51	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 13:51	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/17/22 21:26	10/18/22 13:51	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/17/22 21:26	10/18/22 13:51	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/17/22 21:26	10/18/22 13:51	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/17/22 21:26	10/18/22 13:51	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/17/22 21:26	10/18/22 13:51	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/17/22 21:26	10/18/22 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	114		37 - 150	10/17/22 21:26	10/18/22 13:51	1
2-Fluorobiphenyl	117		46 - 139	10/17/22 21:26	10/18/22 13:51	1
2-Fluorophenol (Surr)	48		19 - 80	10/17/22 21:26	10/18/22 13:51	1
Nitrobenzene-d5 (Surr)	108		52 - 137	10/17/22 21:26	10/18/22 13:51	1
Phenol-d5 (Surr)	35		10 - 56	10/17/22 21:26	10/18/22 13:51	1
Terphenyl-d14 (Surr)	101		22 - 150	10/17/22 21:26	10/18/22 13:51	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0012	U	0.0073	0.0012	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
4,4'-DDE	0.00086	U	0.0073	0.00086	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
4,4'-DDT	0.0097		0.0073	0.0013	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Aldrin	0.0011	U	0.0073	0.0011	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
alpha-BHC	0.00074	U	0.0022	0.00074	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
beta-BHC	0.00081	U	0.0022	0.00081	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Chlordane (technical)	0.018	U	0.073	0.018	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
delta-BHC	0.00044	U	0.0022	0.00044	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Dieldrin	0.00094	U	0.0022	0.00094	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Endosulfan I	0.0011	U	0.0073	0.0011	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Endosulfan II	0.0019	U	0.0073	0.0019	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Endosulfan sulfate	0.00091	U	0.0073	0.00091	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Endrin	0.0010	U	0.0073	0.0010	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Endrin aldehyde	0.0017	U	0.0073	0.0017	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Endrin ketone	0.0014	U	0.0073	0.0014	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
gamma-BHC (Lindane)	0.00067	U	0.0022	0.00067	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Heptachlor	0.00086	U	0.0073	0.00086	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Heptachlor epoxide	0.0011	U	0.0073	0.0011	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1
Methoxychlor	0.0017	U	0.0073	0.0017	mg/Kg	☆	10/14/22 17:20	10/17/22 13:13	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.026	U	0.073	0.026	mg/Kg	☼	10/14/22 17:20	10/17/22 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		43 - 150				10/14/22 17:20	10/17/22 13:13	1
DCB Decachlorobiphenyl	74		43 - 150				10/14/22 17:20	10/17/22 13:13	1
Tetrachloro-m-xylene	77		26 - 137				10/14/22 17:20	10/17/22 13:13	1
Tetrachloro-m-xylene	72		26 - 137				10/14/22 17:20	10/17/22 13:13	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 10:36	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 10:36	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 10:36	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 10:36	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 10:36	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 10:36	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 10:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	44		15 - 121				10/17/22 21:29	10/18/22 10:36	1
DCB Decachlorobiphenyl	50		15 - 121				10/17/22 21:29	10/18/22 10:36	1
Tetrachloro-m-xylene	46		17 - 120				10/17/22 21:29	10/18/22 10:36	1
Tetrachloro-m-xylene	43		17 - 120				10/17/22 21:29	10/18/22 10:36	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor 1221	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor 1232	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor 1242	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor 1248	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor 1254	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor 1260	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor-1262	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Aroclor 1268	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Polychlorinated biphenyls, Total	0.019	U	0.073	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		10 - 150				10/14/22 17:04	10/17/22 11:34	1
DCB Decachlorobiphenyl	128		10 - 150				10/14/22 17:04	10/17/22 11:34	1
Tetrachloro-m-xylene	96		42 - 150				10/14/22 17:04	10/17/22 11:34	1
Tetrachloro-m-xylene	120		42 - 150				10/14/22 17:04	10/17/22 11:34	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.013	U	0.036	0.013	mg/Kg	☼	10/19/22 10:36	10/19/22 19:58	1
Silvex (2,4,5-TP)	0.0038	U	0.036	0.0038	mg/Kg	☼	10/19/22 10:36	10/19/22 19:58	1
2,4,5-T	0.0077	U	0.036	0.0077	mg/Kg	☼	10/19/22 10:36	10/19/22 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	84		27 - 150				10/19/22 10:36	10/19/22 19:58	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Method: SW846 8151A - Herbicides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	99		27 - 150	10/19/22 10:36	10/19/22 19:58	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U ** *1	0.083	0.0050	mg/L		10/18/22 10:44	10/19/22 10:15	1
Silvex (2,4,5-TP)	0.0040	U ** *1	0.083	0.0040	mg/L		10/18/22 10:44	10/19/22 10:15	1
2,4,5-T	0.0020	U ** *1	0.083	0.0020	mg/L		10/18/22 10:44	10/19/22 10:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	70		10 - 150	10/18/22 10:44	10/19/22 10:15	1
2,4-Dichlorophenylacetic acid	71		10 - 150	10/18/22 10:44	10/19/22 10:15	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	310		15	15	mg/Kg	☼	10/16/22 12:23	10/17/22 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	76		40 - 140	10/16/22 12:23	10/17/22 13:39	1
1-Chlorooctadecane	268	S1+	40 - 140	10/16/22 12:23	10/17/22 13:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.12	J	0.33	0.073	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Aluminum	10000		16.4	4.5	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Arsenic	5.9		0.82	0.085	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Barium	78.8		1.6	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Beryllium	0.54		0.33	0.047	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Calcium	7240		82.2	14.5	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Cadmium	0.32	J	0.82	0.093	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Cobalt	8.3		1.6	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Chromium	20.3		1.6	0.75	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Copper	36.9		1.6	0.30	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Iron	18400		49.3	16.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Potassium	1170		82.2	13.3	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Magnesium	2800		82.2	8.4	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Manganese	316		3.3	0.33	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Sodium	98.0		82.2	37.5	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Nickel	13.2		1.6	0.39	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Lead	129		0.49	0.16	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Antimony	0.91		0.82	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Selenium	0.37	J	1.0	0.11	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Thallium	0.12	J	0.33	0.034	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Vanadium	25.3		1.6	0.17	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1
Zinc	123		6.6	2.5	mg/Kg	☼	10/16/22 23:00	10/18/22 15:50	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/18/22 11:37	10/19/22 16:26	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/18/22 11:37	10/19/22 16:26	10
Barium	0.57		0.040	0.0091	mg/L		10/18/22 11:37	10/19/22 16:26	10

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0043	J	0.020	0.0039	mg/L		10/18/22 11:37	10/19/22 16:26	10
Chromium	0.025	U	0.040	0.025	mg/L		10/18/22 11:37	10/19/22 16:26	10
Lead	0.15		0.012	0.0084	mg/L		10/18/22 11:37	10/19/22 16:26	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/18/22 11:37	10/19/22 16:26	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 13:56	10/18/22 15:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.45		0.018	0.0087	mg/Kg	☆	10/17/22 00:30	10/17/22 04:31	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2	HF			SU			10/19/22 13:53	1
Temperature (SW846 9045D)	22.0	HF			Degrees C			10/19/22 13:53	1
Corrosivity (SW846 9045D)	8.2	HF			SU			10/19/22 13:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.18	J	0.22	0.12	mg/Kg	☆	10/19/22 09:27	10/19/22 15:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/19/22 13:12	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/19/22 12:07	1
Percent Moisture (EPA Moisture)	7.8		1.0	1.0	%			10/17/22 07:20	1
Percent Solids (EPA Moisture)	92.2		1.0	1.0	%			10/17/22 07:20	1
Total Volatile Solids (SM 2540G)	1.9		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	3.2				%			10/20/22 16:45	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:45	1
Sand	51.4				%			10/20/22 16:45	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:45	1
Coarse Sand	5.6				%			10/20/22 16:45	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:45	1
Medium Sand	17.9				%			10/20/22 16:45	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:45	1
Fine Sand	27.9				%			10/20/22 16:45	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:45	1
Fines	45.4				%			10/20/22 16:45	1
Sieve Size 0.375 inch - Percent Finer	99.4				% Passing			10/20/22 16:45	1
Sieve Size #4 - Percent Finer	96.8				% Passing			10/20/22 16:45	1
Sieve Size #10 - Percent Finer	91.2				% Passing			10/20/22 16:45	1
Sieve Size #20 - Percent Finer	84.1				% Passing			10/20/22 16:45	1
Sieve Size #40 - Percent Finer	73.3				% Passing			10/20/22 16:45	1
Sieve Size #60 - Percent Finer	61.9				% Passing			10/20/22 16:45	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Sieve Size #80 - Percent Finer	56.5				% Passing			10/20/22 16:45	1
Sieve Size #100 - Percent Finer	53.7				% Passing			10/20/22 16:45	1
Sieve Size #200 - Percent Finer	45.4				% Passing			10/20/22 16:45	1

Client Sample ID: B-11-G

Lab Sample ID: 460-267459-5

Date Collected: 10/13/22 09:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00039	U	0.00090	0.00039	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Bromomethane	0.00090	U	0.0018	0.00090	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Vinyl chloride	0.00049	U	0.00090	0.00049	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Chloroethane	0.00047	U	0.00090	0.00047	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Methylene Chloride	0.0010	U	0.0018	0.0010	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Acetone	0.0052	U	0.0054	0.0052	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Carbon disulfide	0.00024	U **	0.00090	0.00024	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Trichlorofluoromethane	0.0011		0.00090	0.00037	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,1-Dichloroethene	0.00020	U	0.00090	0.00020	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,1-Dichloroethane	0.00019	U	0.00090	0.00019	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
trans-1,2-Dichloroethene	0.00022	U	0.00090	0.00022	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
cis-1,2-Dichloroethene	0.00032	U	0.00090	0.00032	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Chloroform	0.00088	U	0.00090	0.00088	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,2-Dichloroethane	0.00027	U	0.00090	0.00027	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
2-Butanone (MEK)	0.00033	U	0.0045	0.00033	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,1,1-Trichloroethane	0.00021	U **	0.00090	0.00021	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Carbon tetrachloride	0.00035	U **	0.00090	0.00035	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Dichlorobromomethane	0.00023	U **	0.00090	0.00023	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,2-Dichloropropane	0.00038	U	0.00090	0.00038	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
cis-1,3-Dichloropropene	0.00025	U	0.00090	0.00025	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Trichloroethene	0.00029	U	0.00090	0.00029	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Chlorodibromomethane	0.00018	U **	0.00090	0.00018	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,1,2-Trichloroethane	0.00016	U	0.00090	0.00016	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Benzene	0.00023	U	0.00090	0.00023	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
trans-1,3-Dichloropropene	0.00024	U	0.00090	0.00024	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Bromoform	0.00038	U **	0.00090	0.00038	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0045	0.0014	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
2-Hexanone	0.0015	U **	0.0045	0.0015	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Tetrachloroethene	0.00028	U	0.00090	0.00028	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,1,2,2-Tetrachloroethane	0.00019	U	0.00090	0.00019	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Toluene	0.00021	U	0.00090	0.00021	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Chlorobenzene	0.00016	U	0.00090	0.00016	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Ethylbenzene	0.00018	U	0.00090	0.00018	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Styrene	0.00025	U	0.00090	0.00025	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
m-Xylene & p-Xylene	0.00016	U	0.00090	0.00016	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
o-Xylene	0.00018	U	0.00090	0.00018	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Acrolein	0.025	U	0.090	0.025	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00027	U	0.00090	0.00027	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
TBA	0.0071	U	0.0090	0.0071	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Acrylonitrile	0.0044	U	0.0090	0.0044	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-G

Lab Sample ID: 460-267459-5

Date Collected: 10/13/22 09:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.00046	U	0.00090	0.00046	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Cyclohexane	0.00020	U	0.00090	0.00020	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Ethylene Dibromide	0.00016	U	0.00090	0.00016	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,3-Dichlorobenzene	0.00033	U	0.00090	0.00033	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,4-Dichlorobenzene	0.00020	U	0.00090	0.00020	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,2-Dichlorobenzene	0.00033	U	0.00090	0.00033	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Dichlorodifluoromethane	0.00031	U	0.00090	0.00031	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,2,4-Trichlorobenzene	0.00032	U	0.00090	0.00032	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,4-Dioxane	0.0083	U	0.090	0.0083	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,2,3-Trichlorobenzene	0.00016	U	0.00090	0.00016	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
1,2-Dibromo-3-Chloropropane	0.00042	U	0.00090	0.00042	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Chlorobromomethane	0.00025	U	0.00090	0.00025	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Isopropylbenzene	0.00026	U	0.00090	0.00026	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Methyl acetate	0.0039	U	0.0045	0.0039	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1
Methylcyclohexane	0.00045	U	0.00090	0.00045	mg/Kg	☼	10/16/22 10:46	10/19/22 11:55	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/16/22 10:46	10/19/22 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		72 - 145	10/16/22 10:46	10/19/22 11:55	1
Toluene-d8 (Surr)	96		80 - 120	10/16/22 10:46	10/19/22 11:55	1
4-Bromofluorobenzene	95		75 - 139	10/16/22 10:46	10/19/22 11:55	1
Dibromofluoromethane (Surr)	112		73 - 139	10/16/22 10:46	10/19/22 11:55	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/19/22 03:32	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/19/22 03:32	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/19/22 03:32	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/19/22 03:32	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/19/22 03:32	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/19/22 03:32	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/19/22 03:32	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/19/22 03:32	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/19/22 03:32	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/19/22 03:32	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		70 - 128		10/19/22 03:32	10
4-Bromofluorobenzene	105		76 - 120		10/19/22 03:32	10
Dibromofluoromethane (Surr)	110		77 - 124		10/19/22 03:32	10
Toluene-d8 (Surr)	109		80 - 120		10/19/22 03:32	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.3		1.0	1.0	%			10/17/22 20:25	1
Percent Solids (EPA Moisture)	86.7		1.0	1.0	%			10/17/22 20:25	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2-Nitrophenol	0.038	U	0.37	0.038	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2,4-Dimethylphenol	0.045	U	0.37	0.045	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2,4-Dinitrotoluene	0.040	U	0.076	0.040	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4-Nitrophenol	0.061	U	0.76	0.061	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Pentachlorophenol	0.077	U	0.30	0.077	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
N-Nitrosodimethylamine	0.035	U	0.37	0.035	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Nitrobenzene	0.021	U	0.037	0.021	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Naphthalene	0.029	J	0.37	0.0065	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4-Chloroaniline	0.066	U	0.37	0.066	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Hexachlorobutadiene	0.0080	U	0.076	0.0080	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2-Methylnaphthalene	0.017	J	0.37	0.010	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2-Nitroaniline	0.029	U	0.37	0.029	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Acenaphthylene	0.036	J	0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2,6-Dinitrotoluene	0.027	U	0.076	0.027	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
3-Nitroaniline	0.089	U	0.37	0.089	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Acenaphthene	0.039	J	0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Dibenzofuran	0.026	J	0.37	0.012	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Fluorene	0.039	J	0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
N-Nitrosodiphenylamine	0.031	U	0.37	0.031	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Phenanthrene	0.45		0.37	0.0066	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Anthracene	0.13	J	0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Carbazole	0.055	J	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Di-n-butyl phthalate	0.015	J	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Fluoranthene	0.86		0.37	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Pyrene	0.75		0.37	0.0093	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Benzidine	0.079	U	0.37	0.079	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1
Butyl benzyl phthalate	0.018	U	0.37	0.018	mg/Kg	✳	10/14/22 19:47	10/16/22 04:49	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.49		0.037	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Chrysene	0.42		0.37	0.0063	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Benzo[b]fluoranthene	0.58		0.037	0.0097	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Benzo[k]fluoranthene	0.28		0.037	0.0073	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Benzo[a]pyrene	0.44		0.037	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Indeno[1,2,3-cd]pyrene	0.35		0.037	0.015	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Dibenz(a,h)anthracene	0.072		0.037	0.016	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Benzo[g,h,i]perylene	0.23	J	0.37	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
1,2-Diphenylhydrazine	0.015	U	0.37	0.015	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
1,1'-Biphenyl	0.013	U	0.37	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Benzaldehyde	0.062	U	0.37	0.062	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Caprolactam	0.058	U	0.37	0.058	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
3,3'-Dichlorobenzidine	0.057	U	0.15	0.057	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/14/22 19:47	10/16/22 04:49	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/14/22 19:47	10/16/22 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		16 - 125	10/14/22 19:47	10/16/22 04:49	1
Phenol-d5 (Surr)	64		23 - 120	10/14/22 19:47	10/16/22 04:49	1
Terphenyl-d14 (Surr)	82		25 - 126	10/14/22 19:47	10/16/22 04:49	1
2,4,6-Tribromophenol (Surr)	83		10 - 123	10/14/22 19:47	10/16/22 04:49	1
2-Fluorophenol (Surr)	64		18 - 123	10/14/22 19:47	10/16/22 04:49	1
2-Fluorobiphenyl	75		22 - 122	10/14/22 19:47	10/16/22 04:49	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/17/22 21:26	10/18/22 14:12	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 14:12	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 14:12	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/17/22 21:26	10/18/22 14:12	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:12	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:12	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/17/22 21:26	10/18/22 14:12	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/17/22 21:26	10/18/22 14:12	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/17/22 21:26	10/18/22 14:12	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:12	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/17/22 21:26	10/18/22 14:12	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/17/22 21:26	10/18/22 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	126		37 - 150	10/17/22 21:26	10/18/22 14:12	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	129		46 - 139	10/17/22 21:26	10/18/22 14:12	1
2-Fluorophenol (Surr)	56		19 - 80	10/17/22 21:26	10/18/22 14:12	1
Nitrobenzene-d5 (Surr)	123		52 - 137	10/17/22 21:26	10/18/22 14:12	1
Phenol-d5 (Surr)	36		10 - 56	10/17/22 21:26	10/18/22 14:12	1
Terphenyl-d14 (Surr)	103		22 - 150	10/17/22 21:26	10/18/22 14:12	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0076	0.0013	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
4,4'-DDE	0.00090	U	0.0076	0.00090	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
4,4'-DDT	0.0041	J	0.0076	0.0014	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Aldrin	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
alpha-BHC	0.00077	U	0.0023	0.00077	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
beta-BHC	0.00085	U	0.0023	0.00085	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Chlordane (technical)	0.018	U	0.076	0.018	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
delta-BHC	0.00046	U	0.0023	0.00046	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Dieldrin	0.00099	U	0.0023	0.00099	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Endosulfan I	0.0012	U	0.0076	0.0012	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Endosulfan II	0.0020	U	0.0076	0.0020	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Endosulfan sulfate	0.00095	U	0.0076	0.00095	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Endrin	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Endrin aldehyde	0.0018	U	0.0076	0.0018	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Endrin ketone	0.0015	U	0.0076	0.0015	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
gamma-BHC (Lindane)	0.00070	U	0.0023	0.00070	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Heptachlor	0.00090	U	0.0076	0.00090	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Heptachlor epoxide	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Methoxychlor	0.0017	U	0.0076	0.0017	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1
Toxaphene	0.027	U	0.076	0.027	mg/Kg	✱	10/14/22 17:20	10/17/22 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		43 - 150	10/14/22 17:20	10/17/22 13:26	1
DCB Decachlorobiphenyl	70		43 - 150	10/14/22 17:20	10/17/22 13:26	1
Tetrachloro-m-xylene	74		26 - 137	10/14/22 17:20	10/17/22 13:26	1
Tetrachloro-m-xylene	70		26 - 137	10/14/22 17:20	10/17/22 13:26	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 10:48	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 10:48	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 10:48	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 10:48	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 10:48	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 10:48	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 10:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		15 - 121	10/17/22 21:29	10/18/22 10:48	1
DCB Decachlorobiphenyl	52		15 - 121	10/17/22 21:29	10/18/22 10:48	1
Tetrachloro-m-xylene	46		17 - 120	10/17/22 21:29	10/18/22 10:48	1
Tetrachloro-m-xylene	44		17 - 120	10/17/22 21:29	10/18/22 10:48	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor 1221	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor 1232	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor 1242	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor 1248	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor 1254	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor 1260	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor-1262	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Aroclor 1268	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1
Polychlorinated biphenyls, Total	0.020	U	0.076	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		10 - 150	10/14/22 17:04	10/17/22 11:56	1
DCB Decachlorobiphenyl	125		10 - 150	10/14/22 17:04	10/17/22 11:56	1
Tetrachloro-m-xylene	94		42 - 150	10/14/22 17:04	10/17/22 11:56	1
Tetrachloro-m-xylene	118		42 - 150	10/14/22 17:04	10/17/22 11:56	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.014	U	0.038	0.014	mg/Kg	✳	10/19/22 10:36	10/19/22 20:11	1
Silvex (2,4,5-TP)	0.0039	U	0.038	0.0039	mg/Kg	✳	10/19/22 10:36	10/19/22 20:11	1
2,4,5-T	0.0081	U	0.038	0.0081	mg/Kg	✳	10/19/22 10:36	10/19/22 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	99		27 - 150	10/19/22 10:36	10/19/22 20:11	1
2,4-Dichlorophenylacetic acid	111		27 - 150	10/19/22 10:36	10/19/22 20:11	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U ** *1	0.083	0.0050	mg/L		10/18/22 10:44	10/19/22 10:29	1
Silvex (2,4,5-TP)	0.0040	U ** *1	0.083	0.0040	mg/L		10/18/22 10:44	10/19/22 10:29	1
2,4,5-T	0.0020	U ** *1	0.083	0.0020	mg/L		10/18/22 10:44	10/19/22 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	75		10 - 150	10/18/22 10:44	10/19/22 10:29	1
2,4-Dichlorophenylacetic acid	78		10 - 150	10/18/22 10:44	10/19/22 10:29	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	81		16	16	mg/Kg	✳	10/16/22 12:23	10/17/22 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	49		40 - 140	10/16/22 12:23	10/17/22 13:57	1
1-Chlorooctadecane	57		40 - 140	10/16/22 12:23	10/17/22 13:57	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.12	J	0.36	0.081	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Aluminum	9480		18.2	5.0	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Arsenic	5.2		0.91	0.094	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Barium	59.0		1.8	0.13	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.9

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.54		0.36	0.052	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Calcium	4780		91.0	16.1	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Cadmium	0.25	J	0.91	0.10	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Cobalt	6.7		1.8	0.13	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Chromium	19.7		1.8	0.83	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Copper	41.9		1.8	0.33	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Iron	16900		54.6	18.4	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Potassium	1270		91.0	14.7	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Magnesium	2540		91.0	9.3	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Manganese	232		3.6	0.37	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Sodium	90.7	J	91.0	41.6	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Nickel	13.2		1.8	0.43	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Lead	98.1		0.55	0.18	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Antimony	1.0		0.91	0.13	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Selenium	0.34	J	1.1	0.12	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Thallium	0.11	J	0.36	0.037	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Vanadium	26.3		1.8	0.19	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1
Zinc	101		7.3	2.8	mg/Kg	✳	10/16/22 23:00	10/18/22 15:52	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/18/22 11:37	10/19/22 16:28	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/18/22 11:37	10/19/22 16:28	10
Barium	0.55		0.040	0.0091	mg/L		10/18/22 11:37	10/19/22 16:28	10
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/18/22 11:37	10/19/22 16:28	10
Chromium	0.025	U	0.040	0.025	mg/L		10/18/22 11:37	10/19/22 16:28	10
Lead	0.23		0.012	0.0084	mg/L		10/18/22 11:37	10/19/22 16:28	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/18/22 11:37	10/19/22 16:28	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 13:56	10/18/22 15:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.39		0.018	0.0085	mg/Kg	✳	10/17/22 00:30	10/17/22 04:37	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2	HF			SU			10/19/22 13:56	1
Temperature (SW846 9045D)	21.9	HF			Degrees C			10/19/22 13:56	1
Corrosivity (SW846 9045D)	8.2	HF			SU			10/19/22 13:56	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.14	U	0.26	0.14	mg/Kg	✳	10/19/22 09:27	10/19/22 15:24	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/19/22 13:12	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/19/22 12:15	1
Percent Moisture (EPA Moisture)	12.1		1.0	1.0	%			10/17/22 07:20	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.9

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.9		1.0	1.0	%			10/17/22 07:20	1
Total Volatile Solids (SM 2540G)	2.1		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	8.4				%			10/20/22 16:47	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:47	1
Sand	41.6				%			10/20/22 16:47	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:47	1
Coarse Sand	4.1				%			10/20/22 16:47	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:47	1
Medium Sand	12.2				%			10/20/22 16:47	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:47	1
Fine Sand	25.3				%			10/20/22 16:47	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:47	1
Fines	50.0				%			10/20/22 16:47	1
Sieve Size 0.375 inch - Percent Finer	97.0				% Passing			10/20/22 16:47	1
Sieve Size #4 - Percent Finer	91.6				% Passing			10/20/22 16:47	1
Sieve Size #10 - Percent Finer	87.5				% Passing			10/20/22 16:47	1
Sieve Size #20 - Percent Finer	82.8				% Passing			10/20/22 16:47	1
Sieve Size #40 - Percent Finer	75.3				% Passing			10/20/22 16:47	1
Sieve Size #60 - Percent Finer	65.9				% Passing			10/20/22 16:47	1
Sieve Size #80 - Percent Finer	61.9				% Passing			10/20/22 16:47	1
Sieve Size #100 - Percent Finer	58.4				% Passing			10/20/22 16:47	1
Sieve Size #200 - Percent Finer	50.0				% Passing			10/20/22 16:47	1

Client Sample ID: B-12-G

Lab Sample ID: 460-267459-7

Date Collected: 10/13/22 10:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00034	U	0.00079	0.00034	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Bromomethane	0.00079	U	0.0016	0.00079	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Vinyl chloride	0.00043	U	0.00079	0.00043	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Chloroethane	0.00041	U	0.00079	0.00041	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Methylene Chloride	0.00090	U	0.0016	0.00090	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Acetone	0.0073		0.0047	0.0045	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Carbon disulfide	0.00058	J**	0.00079	0.00021	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Trichlorofluoromethane	0.00032	U	0.00079	0.00032	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
1,1-Dichloroethene	0.00018	U	0.00079	0.00018	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
1,1-Dichloroethane	0.00016	U	0.00079	0.00016	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
trans-1,2-Dichloroethene	0.00019	U	0.00079	0.00019	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
cis-1,2-Dichloroethene	0.00028	U	0.00079	0.00028	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Chloroform	0.00076	U	0.00079	0.00076	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
1,2-Dichloroethane	0.00023	U	0.00079	0.00023	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
2-Butanone (MEK)	0.00029	U	0.0039	0.00029	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
1,1,1-Trichloroethane	0.00018	U	0.00079	0.00018	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1
Carbon tetrachloride	0.00030	U**	0.00079	0.00030	mg/Kg	✱	10/16/22 10:47	10/19/22 02:15	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-G

Lab Sample ID: 460-267459-7

Date Collected: 10/13/22 10:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.00020	U	0.00079	0.00020	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,2-Dichloropropane	0.00033	U	0.00079	0.00033	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
cis-1,3-Dichloropropene	0.00021	U	0.00079	0.00021	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Trichloroethene	0.00025	U	0.00079	0.00025	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Chlorodibromomethane	0.00015	U*	0.00079	0.00015	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,1,2-Trichloroethane	0.00014	U	0.00079	0.00014	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Benzene	0.00020	U	0.00079	0.00020	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
trans-1,3-Dichloropropene	0.00021	U	0.00079	0.00021	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Bromoform	0.00033	U*	0.00079	0.00033	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
4-Methyl-2-pentanone (MIBK)	0.0012	U	0.0039	0.0012	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
2-Hexanone	0.0013	U	0.0039	0.0013	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Tetrachloroethene	0.00030	J	0.00079	0.00024	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,1,2,2-Tetrachloroethane	0.00017	U	0.00079	0.00017	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Toluene	0.00018	U	0.00079	0.00018	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Chlorobenzene	0.00014	U	0.00079	0.00014	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Ethylbenzene	0.00016	U	0.00079	0.00016	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Styrene	0.00022	U	0.00079	0.00022	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
m-Xylene & p-Xylene	0.00014	U	0.00079	0.00014	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
o-Xylene	0.00015	U	0.00079	0.00015	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Acrolein	0.022	U	0.079	0.022	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00024	U	0.00079	0.00024	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
TBA	0.0062	U	0.0079	0.0062	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Acrylonitrile	0.0038	U	0.0079	0.0038	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Methyl tert-butyl ether	0.00040	U	0.00079	0.00040	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Cyclohexane	0.00017	U	0.00079	0.00017	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Ethylene Dibromide	0.00014	U	0.00079	0.00014	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,3-Dichlorobenzene	0.00029	U	0.00079	0.00029	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,4-Dichlorobenzene	0.00018	U	0.00079	0.00018	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,2-Dichlorobenzene	0.00028	U	0.00079	0.00028	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Dichlorodifluoromethane	0.00027	U	0.00079	0.00027	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,2,4-Trichlorobenzene	0.00028	U	0.00079	0.00028	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,4-Dioxane	0.0072	U	0.079	0.0072	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,2,3-Trichlorobenzene	0.00014	U	0.00079	0.00014	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
1,2-Dibromo-3-Chloropropane	0.00036	U	0.00079	0.00036	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Chlorobromomethane	0.00022	U	0.00079	0.00022	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Isopropylbenzene	0.00022	U	0.00079	0.00022	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Methyl acetate	0.0034	U	0.0039	0.0034	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1
Methylcyclohexane	0.00039	U	0.00079	0.00039	mg/Kg	☼	10/16/22 10:47	10/19/22 02:15	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/16/22 10:47	10/19/22 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		72 - 145	10/16/22 10:47	10/19/22 02:15	1
Toluene-d8 (Surr)	97		80 - 120	10/16/22 10:47	10/19/22 02:15	1
4-Bromofluorobenzene	94		75 - 139	10/16/22 10:47	10/19/22 02:15	1
Dibromofluoromethane (Surr)	110		73 - 139	10/16/22 10:47	10/19/22 02:15	1

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-G

Lab Sample ID: 460-267459-7

Date Collected: 10/13/22 10:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/19/22 03:57	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/19/22 03:57	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/19/22 03:57	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/19/22 03:57	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/19/22 03:57	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/19/22 03:57	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/19/22 03:57	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/19/22 03:57	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/19/22 03:57	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/19/22 03:57	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	125		70 - 128		10/19/22 03:57	10
4-Bromofluorobenzene	104		76 - 120		10/19/22 03:57	10
Dibromofluoromethane (Surr)	109		77 - 124		10/19/22 03:57	10
Toluene-d8 (Surr)	109		80 - 120		10/19/22 03:57	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.0		1.0	1.0	%			10/17/22 20:25	1
Percent Solids (EPA Moisture)	87.0		1.0	1.0	%			10/17/22 20:25	1

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.013	U	0.35	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2-Chlorophenol	0.013	U	0.35	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2-Methylphenol	0.013	U	0.35	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4-Methylphenol	0.022	U	0.35	0.022	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2-Nitrophenol	0.036	U	0.35	0.036	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,4-Dimethylphenol	0.042	U	0.35	0.042	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,4-Dichlorophenol	0.023	U	0.14	0.023	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4-Chloro-3-methylphenol	0.020	U	0.35	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,4,6-Trichlorophenol	0.046	U	0.14	0.046	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,4,5-Trichlorophenol	0.036	U	0.35	0.036	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,4-Dinitrotoluene	0.038	U	0.072	0.038	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4-Nitrophenol	0.058	U	0.72	0.058	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4,6-Dinitro-2-methylphenol	0.15	U	0.29	0.15	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Pentachlorophenol	0.073	U	0.29	0.073	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
N-Nitrosodimethylamine	0.033	U	0.35	0.033	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Bis(2-chloroethyl)ether	0.012	U	0.035	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
N-Nitrosodi-n-propylamine	0.026	U	0.035	0.026	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Hexachloroethane	0.012	U	0.035	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Nitrobenzene	0.020	U	0.035	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Naphthalene	0.11	J	0.35	0.0061	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4-Chloroaniline	0.063	U	0.35	0.063	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.0076	U	0.072	0.0076	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2-Methylnaphthalene	0.044	J	0.35	0.0099	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Hexachlorocyclopentadiene	0.031	U	0.35	0.031	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2-Chloronaphthalene	0.016	U	0.35	0.016	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2-Nitroaniline	0.027	U	0.35	0.027	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Dimethyl phthalate	0.081	U	0.35	0.081	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Acenaphthylene	0.050	J	0.35	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,6-Dinitrotoluene	0.026	U	0.072	0.026	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
3-Nitroaniline	0.084	U	0.35	0.084	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Acenaphthene	0.14	J	0.35	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Dibenzofuran	0.10	J	0.35	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,4-Dinitrophenol	0.17	U	0.29	0.17	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Diethyl phthalate	0.011	U	0.35	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4-Chlorophenyl phenyl ether	0.013	U	0.35	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Fluorene	0.12	J	0.35	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4-Nitroaniline	0.041	U	0.35	0.041	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
N-Nitrosodiphenylamine	0.029	U	0.35	0.029	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
4-Bromophenyl phenyl ether	0.014	U	0.35	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Hexachlorobenzene	0.017	U	0.035	0.017	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Phenanthrene	1.8		0.35	0.0062	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Anthracene	0.43		0.35	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Carbazole	0.14	J	0.35	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Di-n-butyl phthalate	0.013	U	0.35	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Fluoranthene	2.8		0.35	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Pyrene	2.2		0.35	0.0088	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Benzidine	0.075	U	0.35	0.075	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Butyl benzyl phthalate	0.017	U	0.35	0.017	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Benzo[a]anthracene	1.3		0.035	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Chrysene	1.0		0.35	0.0060	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.35	0.019	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Di-n-octyl phthalate	0.019	U	0.35	0.019	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Benzo[b]fluoranthene	1.6		0.035	0.0092	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Benzo[k]fluoranthene	0.69		0.035	0.0070	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Benzo[a]pyrene	1.0		0.035	0.0095	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Indeno[1,2,3-cd]pyrene	0.72		0.035	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Dibenz(a,h)anthracene	0.17		0.035	0.015	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Benzo[g,h,i]perylene	0.47		0.35	0.010	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
1,2-Diphenylhydrazine	0.014	U	0.35	0.014	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
1,1'-Biphenyl	0.012	J	0.35	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Acetophenone	0.017	U	0.35	0.017	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Benzaldehyde	0.059	U	0.35	0.059	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Caprolactam	0.055	U	0.35	0.055	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Atrazine	0.021	U	0.14	0.021	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,2'-oxybis[1-chloropropane]	0.0064	U	0.35	0.0064	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.35	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
2,3,4,6-Tetrachlorophenol	0.024	U	0.35	0.024	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
3,3'-Dichlorobenzidine	0.054	U	0.14	0.054	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1
Bis(2-chloroethoxy)methane	0.028	U	0.35	0.028	mg/Kg	☼	10/14/22 19:47	10/16/22 05:06	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.6

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Phenanthrene, 1-methyl-	0.32	J N	mg/Kg	☼	7.15	832-69-9	10/14/22 19:47	10/16/22 05:06	1
Unknown	0.38	J	mg/Kg	☼	7.21		10/14/22 19:47	10/16/22 05:06	1
6-Phenylbenzocyclohepten-7-one	0.31	J N	mg/Kg	☼	7.36	93327-56-1	10/14/22 19:47	10/16/22 05:06	1
Benzo[e]pyrene	0.71	J N	mg/Kg	☼	10.08	192-97-2	10/14/22 19:47	10/16/22 05:06	1
Benzo[j]fluoranthene	0.31	J N	mg/Kg	☼	10.23	205-82-3	10/14/22 19:47	10/16/22 05:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		16 - 125	10/14/22 19:47	10/16/22 05:06	1
Phenol-d5 (Surr)	62		23 - 120	10/14/22 19:47	10/16/22 05:06	1
Terphenyl-d14 (Surr)	84		25 - 126	10/14/22 19:47	10/16/22 05:06	1
2,4,6-Tribromophenol (Surr)	81		10 - 123	10/14/22 19:47	10/16/22 05:06	1
2-Fluorophenol (Surr)	62		18 - 123	10/14/22 19:47	10/16/22 05:06	1
2-Fluorobiphenyl	75		22 - 122	10/14/22 19:47	10/16/22 05:06	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/17/22 21:26	10/18/22 14:33	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 14:33	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 14:33	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/17/22 21:26	10/18/22 14:33	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:33	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:33	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/17/22 21:26	10/18/22 14:33	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/17/22 21:26	10/18/22 14:33	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/17/22 21:26	10/18/22 14:33	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:33	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/17/22 21:26	10/18/22 14:33	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/17/22 21:26	10/18/22 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	119		37 - 150	10/17/22 21:26	10/18/22 14:33	1
2-Fluorobiphenyl	120		46 - 139	10/17/22 21:26	10/18/22 14:33	1
2-Fluorophenol (Surr)	47		19 - 80	10/17/22 21:26	10/18/22 14:33	1
Nitrobenzene-d5 (Surr)	116		52 - 137	10/17/22 21:26	10/18/22 14:33	1
Phenol-d5 (Surr)	29		10 - 56	10/17/22 21:26	10/18/22 14:33	1
Terphenyl-d14 (Surr)	116		22 - 150	10/17/22 21:26	10/18/22 14:33	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0012	U	0.0072	0.0012	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
4,4'-DDE	0.00085	U	0.0072	0.00085	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
4,4'-DDT	0.0052	J	0.0072	0.0013	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Aldrin	0.0011	U	0.0072	0.0011	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
alpha-BHC	0.00073	U	0.0021	0.00073	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
beta-BHC	0.00081	U	0.0021	0.00081	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Chlordane (technical)	0.017	U	0.072	0.017	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
delta-BHC	0.00044	U	0.0021	0.00044	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Dieldrin	0.00093	U	0.0021	0.00093	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Endosulfan I	0.0011	U	0.0072	0.0011	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Endosulfan II	0.0018	U	0.0072	0.0018	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Endosulfan sulfate	0.00090	U	0.0072	0.00090	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0010	U	0.0072	0.0010	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Endrin aldehyde	0.0017	U	0.0072	0.0017	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Endrin ketone	0.0014	U	0.0072	0.0014	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
gamma-BHC (Lindane)	0.00067	U	0.0021	0.00067	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Heptachlor	0.00085	U	0.0072	0.00085	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Heptachlor epoxide	0.0011	U	0.0072	0.0011	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Methoxychlor	0.0016	U	0.0072	0.0016	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1
Toxaphene	0.026	U	0.072	0.026	mg/Kg	☼	10/14/22 17:20	10/17/22 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		43 - 150	10/14/22 17:20	10/17/22 13:38	1
DCB Decachlorobiphenyl	75		43 - 150	10/14/22 17:20	10/17/22 13:38	1
Tetrachloro-m-xylene	80		26 - 137	10/14/22 17:20	10/17/22 13:38	1
Tetrachloro-m-xylene	75		26 - 137	10/14/22 17:20	10/17/22 13:38	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 11:01	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 11:01	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 11:01	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 11:01	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 11:01	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 11:01	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 11:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		15 - 121	10/17/22 21:29	10/18/22 11:01	1
DCB Decachlorobiphenyl	52		15 - 121	10/17/22 21:29	10/18/22 11:01	1
Tetrachloro-m-xylene	47		17 - 120	10/17/22 21:29	10/18/22 11:01	1
Tetrachloro-m-xylene	44		17 - 120	10/17/22 21:29	10/18/22 11:01	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor 1221	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor 1232	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor 1242	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor 1248	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor 1254	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor 1260	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor-1262	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Aroclor 1268	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1
Polychlorinated biphenyls, Total	0.019	U	0.072	0.019	mg/Kg	☼	10/14/22 17:04	10/17/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		10 - 150	10/14/22 17:04	10/17/22 12:18	1
DCB Decachlorobiphenyl	127		10 - 150	10/14/22 17:04	10/17/22 12:18	1
Tetrachloro-m-xylene	94		42 - 150	10/14/22 17:04	10/17/22 12:18	1
Tetrachloro-m-xylene	118		42 - 150	10/14/22 17:04	10/17/22 12:18	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.6

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.013	U	0.036	0.013	mg/Kg	☼	10/19/22 10:36	10/19/22 20:25	1
Silvex (2,4,5-TP)	0.0037	U	0.036	0.0037	mg/Kg	☼	10/19/22 10:36	10/19/22 20:25	1
2,4,5-T	0.0076	U	0.036	0.0076	mg/Kg	☼	10/19/22 10:36	10/19/22 20:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	98		27 - 150				10/19/22 10:36	10/19/22 20:25	1
2,4-Dichlorophenylacetic acid	110		27 - 150				10/19/22 10:36	10/19/22 20:25	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U ** *1	0.083	0.0050	mg/L		10/18/22 10:44	10/19/22 10:42	1
Silvex (2,4,5-TP)	0.0040	U ** *1	0.083	0.0040	mg/L		10/18/22 10:44	10/19/22 10:42	1
2,4,5-T	0.0020	U ** *1	0.083	0.0020	mg/L		10/18/22 10:44	10/19/22 10:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	104		10 - 150				10/18/22 10:44	10/19/22 10:42	1
2,4-Dichlorophenylacetic acid	111		10 - 150				10/18/22 10:44	10/19/22 10:42	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	130		15	15	mg/Kg	☼	10/16/22 12:23	10/17/22 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	63		40 - 140				10/16/22 12:23	10/17/22 18:10	1
1-Chlorooctadecane	62		40 - 140				10/16/22 12:23	10/17/22 18:10	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.14	J	0.33	0.074	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Aluminum	10800		16.7	4.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Arsenic	5.5		0.84	0.086	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Barium	69.9		1.7	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Beryllium	0.60		0.33	0.048	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Calcium	6060		83.7	14.8	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Cadmium	0.28	J	0.84	0.095	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Cobalt	7.8		1.7	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Chromium	23.0		1.7	0.76	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Copper	30.2		1.7	0.31	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Iron	19900		50.2	16.9	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Potassium	1290		83.7	13.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Magnesium	2890		83.7	8.5	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Manganese	228		3.3	0.34	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Sodium	93.2		83.7	38.2	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Nickel	14.2		1.7	0.39	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Lead	102		0.50	0.17	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Antimony	1.2		0.84	0.12	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Selenium	0.38	J	1.0	0.11	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Thallium	0.11	J	0.33	0.034	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Vanadium	27.8		1.7	0.17	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1
Zinc	111		6.7	2.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:28	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.6

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/18/22 11:37	10/19/22 16:31	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/18/22 11:37	10/19/22 16:31	10
Barium	0.67		0.040	0.0091	mg/L		10/18/22 11:37	10/19/22 16:31	10
Cadmium	0.0043	J	0.020	0.0039	mg/L		10/18/22 11:37	10/19/22 16:31	10
Chromium	0.025	U	0.040	0.025	mg/L		10/18/22 11:37	10/19/22 16:31	10
Lead	0.18		0.012	0.0084	mg/L		10/18/22 11:37	10/19/22 16:31	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/18/22 11:37	10/19/22 16:31	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 13:56	10/18/22 15:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.018	0.0085	mg/Kg	☆	10/17/22 00:30	10/17/22 04:39	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF			SU			10/19/22 13:57	1
Temperature (SW846 9045D)	21.7	HF			Degrees C			10/19/22 13:57	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/19/22 13:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.21	J	0.26	0.14	mg/Kg	☆	10/19/22 09:38	10/19/22 15:27	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/19/22 13:12	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/19/22 12:22	1
Percent Moisture (EPA Moisture)	7.4		1.0	1.0	%			10/17/22 07:20	1
Percent Solids (EPA Moisture)	92.6		1.0	1.0	%			10/17/22 07:20	1
Total Volatile Solids (SM 2540G)	2.4		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	7.1				%			10/20/22 16:48	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:48	1
Sand	42.2				%			10/20/22 16:48	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:48	1
Coarse Sand	5.4				%			10/20/22 16:48	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:48	1
Medium Sand	13.3				%			10/20/22 16:48	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:48	1
Fine Sand	23.5				%			10/20/22 16:48	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:48	1
Fines	50.7				%			10/20/22 16:48	1
Sieve Size 0.375 inch - Percent Finer	97.5				% Passing			10/20/22 16:48	1
Sieve Size #4 - Percent Finer	92.9				% Passing			10/20/22 16:48	1
Sieve Size #10 - Percent Finer	87.5				% Passing			10/20/22 16:48	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C

Date Collected: 10/13/22 10:45

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-8

Matrix: Solid

Percent Solids: 92.6

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Sieve Size #20 - Percent Finer	81.8				% Passing			10/20/22 16:48	1
Sieve Size #40 - Percent Finer	74.2				% Passing			10/20/22 16:48	1
Sieve Size #60 - Percent Finer	65.1				% Passing			10/20/22 16:48	1
Sieve Size #80 - Percent Finer	60.7				% Passing			10/20/22 16:48	1
Sieve Size #100 - Percent Finer	58.3				% Passing			10/20/22 16:48	1
Sieve Size #200 - Percent Finer	50.7				% Passing			10/20/22 16:48	1

Client Sample ID: B-13-G

Date Collected: 10/13/22 11:15

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-9

Matrix: Solid

Percent Solids: 85.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00046	U	0.0011	0.00046	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Bromomethane	0.0011	U	0.0021	0.0011	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Vinyl chloride	0.00058	U	0.0011	0.00058	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Chloroethane	0.00056	U	0.0011	0.00056	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Methylene Chloride	0.0012	U	0.0021	0.0012	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Acetone	0.0061	U	0.0064	0.0061	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Carbon disulfide	0.00028	U **	0.0011	0.00028	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Trichlorofluoromethane	0.00043	U	0.0011	0.00043	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
1,1-Dichloroethene	0.00024	U	0.0011	0.00024	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
cis-1,2-Dichloroethene	0.00038	U	0.0011	0.00038	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Chloroform	0.0010	U	0.0011	0.0010	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
1,2-Dichloroethane	0.00032	U	0.0011	0.00032	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
2-Butanone (MEK)	0.00039	U	0.0053	0.00039	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Carbon tetrachloride	0.00041	U **	0.0011	0.00041	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Dichlorobromomethane	0.00027	U	0.0011	0.00027	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
1,2-Dichloropropane	0.00045	U	0.0011	0.00045	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Trichloroethene	0.00034	U	0.0011	0.00034	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Chlorodibromomethane	0.00021	U **	0.0011	0.00021	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Benzene	0.00027	U	0.0011	0.00027	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
trans-1,3-Dichloropropene	0.00028	U	0.0011	0.00028	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Bromoform	0.00045	U **	0.0011	0.00045	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0053	0.0017	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
2-Hexanone	0.0018	U	0.0053	0.0018	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Tetrachloroethene	0.00032	U	0.0011	0.00032	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Ethylbenzene	0.00021	U	0.0011	0.00021	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Styrene	0.00030	U	0.0011	0.00030	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
o-Xylene	0.00021	U	0.0011	0.00021	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1
Acrolein	0.030	U	0.11	0.030	mg/Kg	✱	10/16/22 10:47	10/19/22 02:37	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-G

Lab Sample ID: 460-267459-9

Date Collected: 10/13/22 11:15

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 85.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
TBA	0.0084	U	0.011	0.0084	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Acrylonitrile	0.0052	U	0.011	0.0052	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Methyl tert-butyl ether	0.00055	U	0.0011	0.00055	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Cyclohexane	0.00024	U	0.0011	0.00024	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Ethylene Dibromide	0.00019	U	0.0011	0.00019	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
1,3-Dichlorobenzene	0.00039	U	0.0011	0.00039	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
1,2-Dichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Dichlorodifluoromethane	0.00036	U	0.0011	0.00036	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
1,4-Dioxane	0.0098	U	0.11	0.0098	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
1,2-Dibromo-3-Chloropropane	0.00049	U	0.0011	0.00049	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Chlorobromomethane	0.00030	U	0.0011	0.00030	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Isopropylbenzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Methyl acetate	0.0046	U	0.0053	0.0046	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1
Methylcyclohexane	0.00053	U	0.0011	0.00053	mg/Kg	☼	10/16/22 10:47	10/19/22 02:37	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/16/22 10:47	10/19/22 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		72 - 145	10/16/22 10:47	10/19/22 02:37	1
Toluene-d8 (Surr)	98		80 - 120	10/16/22 10:47	10/19/22 02:37	1
4-Bromofluorobenzene	96		75 - 139	10/16/22 10:47	10/19/22 02:37	1
Dibromofluoromethane (Surr)	111		73 - 139	10/16/22 10:47	10/19/22 02:37	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/19/22 04:22	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/19/22 04:22	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/19/22 04:22	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/19/22 04:22	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/19/22 04:22	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/19/22 04:22	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/19/22 04:22	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/19/22 04:22	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/19/22 04:22	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/19/22 04:22	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		70 - 128		10/19/22 04:22	10
4-Bromofluorobenzene	104		76 - 120		10/19/22 04:22	10
Dibromofluoromethane (Surr)	108		77 - 124		10/19/22 04:22	10
Toluene-d8 (Surr)	106		80 - 120		10/19/22 04:22	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		1.0	1.0	%			10/17/22 20:25	1
Percent Solids (EPA Moisture)	85.3		1.0	1.0	%			10/17/22 20:25	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Date Collected: 10/13/22 11:30

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2-Nitrophenol	0.037	U	0.37	0.037	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2,4-Dimethylphenol	0.044	U	0.37	0.044	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2,4-Dinitrotoluene	0.040	U	0.075	0.040	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4-Nitrophenol	0.061	U	0.75	0.061	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Pentachlorophenol	0.076	U	0.30	0.076	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
N-Nitrosodimethylamine	0.034	U	0.37	0.034	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Nitrobenzene	0.021	U	0.037	0.021	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Naphthalene	0.096	J	0.37	0.0064	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4-Chloroaniline	0.066	U	0.37	0.066	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Hexachlorobutadiene	0.0079	U	0.075	0.0079	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2-Methylnaphthalene	0.052	J	0.37	0.010	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2-Nitroaniline	0.028	U	0.37	0.028	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Acenaphthylene	0.045	J	0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2,6-Dinitrotoluene	0.027	U	0.075	0.027	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
3-Nitroaniline	0.088	U	0.37	0.088	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Acenaphthene	0.12	J	0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Dibenzofuran	0.14	J	0.37	0.012	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Fluorene	0.12	J	0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
N-Nitrosodiphenylamine	0.031	U	0.37	0.031	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Phenanthrene	1.4		0.37	0.0065	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Anthracene	0.38		0.37	0.011	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Carbazole	0.17	J	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Di-n-butyl phthalate	0.020	J	0.37	0.014	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Fluoranthene	1.4		0.37	0.013	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Pyrene	1.1		0.37	0.0093	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Benzidine	0.078	U	0.37	0.078	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	✳	10/14/22 19:47	10/16/22 05:24	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Date Collected: 10/13/22 11:30

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.63		0.037	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Chrysene	0.52		0.37	0.0063	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Benzo[b]fluoranthene	0.70		0.037	0.0096	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Benzo[k]fluoranthene	0.32		0.037	0.0073	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Benzo[a]pyrene	0.52		0.037	0.0099	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Indeno[1,2,3-cd]pyrene	0.41		0.037	0.015	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Dibenz(a,h)anthracene	0.074		0.037	0.016	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Benzo[g,h,i]perylene	0.27	J	0.37	0.011	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
1,2-Diphenylhydrazine	0.015	U	0.37	0.015	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
1,1'-Biphenyl	0.015	J	0.37	0.013	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Benzaldehyde	0.062	U	0.37	0.062	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Caprolactam	0.058	U	0.37	0.058	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/14/22 19:47	10/16/22 05:24	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Perylene	0.35	J N	mg/Kg	☼	10.08	198-55-0	10/14/22 19:47	10/16/22 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	69		16 - 125	10/14/22 19:47	10/16/22 05:24	1
Phenol-d5 (Surr)	64		23 - 120	10/14/22 19:47	10/16/22 05:24	1
Terphenyl-d14 (Surr)	82		25 - 126	10/14/22 19:47	10/16/22 05:24	1
2,4,6-Tribromophenol (Surr)	85		10 - 123	10/14/22 19:47	10/16/22 05:24	1
2-Fluorophenol (Surr)	63		18 - 123	10/14/22 19:47	10/16/22 05:24	1
2-Fluorobiphenyl	76		22 - 122	10/14/22 19:47	10/16/22 05:24	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/17/22 21:26	10/18/22 14:54	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 14:54	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 14:54	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/17/22 21:26	10/18/22 14:54	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:54	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:54	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/17/22 21:26	10/18/22 14:54	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/17/22 21:26	10/18/22 14:54	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/17/22 21:26	10/18/22 14:54	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/17/22 21:26	10/18/22 14:54	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/17/22 21:26	10/18/22 14:54	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/17/22 21:26	10/18/22 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	141		37 - 150	10/17/22 21:26	10/18/22 14:54	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Date Collected: 10/13/22 11:30

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	139		46 - 139	10/17/22 21:26	10/18/22 14:54	1
2-Fluorophenol (Surr)	74		19 - 80	10/17/22 21:26	10/18/22 14:54	1
Nitrobenzene-d5 (Surr)	140	S1+	52 - 137	10/17/22 21:26	10/18/22 14:54	1
Phenol-d5 (Surr)	50		10 - 56	10/17/22 21:26	10/18/22 14:54	1
Terphenyl-d14 (Surr)	110		22 - 150	10/17/22 21:26	10/18/22 14:54	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0075	0.0013	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
4,4'-DDE	0.00089	U	0.0075	0.00089	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
4,4'-DDT	0.0014	U	0.0075	0.0014	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Aldrin	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
alpha-BHC	0.00076	U	0.0022	0.00076	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
beta-BHC	0.00084	U	0.0022	0.00084	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Chlordane (technical)	0.018	U	0.075	0.018	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
delta-BHC	0.00046	U	0.0022	0.00046	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Dieldrin	0.00098	U	0.0022	0.00098	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Endosulfan I	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Endosulfan II	0.0019	U	0.0075	0.0019	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Endosulfan sulfate	0.00094	U	0.0075	0.00094	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Endrin	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Endrin aldehyde	0.0018	U	0.0075	0.0018	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Endrin ketone	0.0015	U	0.0075	0.0015	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
gamma-BHC (Lindane)	0.00070	U	0.0022	0.00070	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Heptachlor	0.00089	U	0.0075	0.00089	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Heptachlor epoxide	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Methoxychlor	0.0017	U	0.0075	0.0017	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1
Toxaphene	0.027	U	0.075	0.027	mg/Kg	✱	10/14/22 17:20	10/17/22 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		43 - 150	10/14/22 17:20	10/17/22 13:50	1
DCB Decachlorobiphenyl	70		43 - 150	10/14/22 17:20	10/17/22 13:50	1
Tetrachloro-m-xylene	73		26 - 137	10/14/22 17:20	10/17/22 13:50	1
Tetrachloro-m-xylene	69		26 - 137	10/14/22 17:20	10/17/22 13:50	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 11:13	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 11:13	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 11:13	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 11:13	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 11:13	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 11:13	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 11:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		15 - 121	10/17/22 21:29	10/18/22 11:13	1
DCB Decachlorobiphenyl	53		15 - 121	10/17/22 21:29	10/18/22 11:13	1
Tetrachloro-m-xylene	45		17 - 120	10/17/22 21:29	10/18/22 11:13	1
Tetrachloro-m-xylene	41		17 - 120	10/17/22 21:29	10/18/22 11:13	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Date Collected: 10/13/22 11:30

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor 1221	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor 1232	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor 1242	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor 1248	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor 1254	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor 1260	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor-1262	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Aroclor 1268	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1
Polychlorinated biphenyls, Total	0.020	U	0.075	0.020	mg/Kg	✳	10/14/22 17:04	10/17/22 12:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		10 - 150	10/14/22 17:04	10/17/22 12:40	1
DCB Decachlorobiphenyl	116		10 - 150	10/14/22 17:04	10/17/22 12:40	1
Tetrachloro-m-xylene	86		42 - 150	10/14/22 17:04	10/17/22 12:40	1
Tetrachloro-m-xylene	108		42 - 150	10/14/22 17:04	10/17/22 12:40	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.014	U	0.038	0.014	mg/Kg	✳	10/19/22 10:36	10/19/22 20:38	1
Silvex (2,4,5-TP)	0.0039	U	0.038	0.0039	mg/Kg	✳	10/19/22 10:36	10/19/22 20:38	1
2,4,5-T	0.0080	U	0.038	0.0080	mg/Kg	✳	10/19/22 10:36	10/19/22 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	82		27 - 150	10/19/22 10:36	10/19/22 20:38	1
2,4-Dichlorophenylacetic acid	91		27 - 150	10/19/22 10:36	10/19/22 20:38	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U ** *1	0.083	0.0050	mg/L		10/18/22 10:44	10/19/22 10:56	1
Silvex (2,4,5-TP)	0.0040	U ** *1	0.083	0.0040	mg/L		10/18/22 10:44	10/19/22 10:56	1
2,4,5-T	0.0020	U ** *1	0.083	0.0020	mg/L		10/18/22 10:44	10/19/22 10:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	47		10 - 150	10/18/22 10:44	10/19/22 10:56	1
2,4-Dichlorophenylacetic acid	47		10 - 150	10/18/22 10:44	10/19/22 10:56	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	54		16	16	mg/Kg	✳	10/16/22 12:23	10/17/22 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	63		40 - 140	10/16/22 12:23	10/17/22 18:28	1
1-Chlorooctadecane	74		40 - 140	10/16/22 12:23	10/17/22 18:28	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.091	J	0.35	0.077	mg/Kg	✳	10/16/22 23:00	10/18/22 15:31	1
Aluminum	10100		17.4	4.8	mg/Kg	✳	10/16/22 23:00	10/18/22 15:31	1
Arsenic	6.1		0.87	0.090	mg/Kg	✳	10/16/22 23:00	10/18/22 15:31	1
Barium	69.5		1.7	0.13	mg/Kg	✳	10/16/22 23:00	10/18/22 15:31	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Date Collected: 10/13/22 11:30

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.5

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.59		0.35	0.050	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Calcium	5880		86.9	15.4	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Cadmium	0.27	J	0.87	0.098	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Cobalt	7.9		1.7	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Chromium	21.0		1.7	0.79	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Copper	74.1		1.7	0.32	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Iron	19500		52.1	17.6	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Potassium	1160		86.9	14.1	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Magnesium	2900		86.9	8.9	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Manganese	290		3.5	0.35	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Sodium	107		86.9	39.7	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Nickel	13.2		1.7	0.41	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Lead	121		0.52	0.17	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Antimony	3.3		0.87	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Selenium	0.38	J	1.1	0.11	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Thallium	0.11	J	0.35	0.036	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Vanadium	25.8		1.7	0.18	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1
Zinc	229		7.0	2.7	mg/Kg	☼	10/16/22 23:00	10/18/22 15:31	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/18/22 11:37	10/19/22 16:33	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/18/22 11:37	10/19/22 16:33	10
Barium	0.55		0.040	0.0091	mg/L		10/18/22 11:37	10/19/22 16:33	10
Cadmium	0.0039	J	0.020	0.0039	mg/L		10/18/22 11:37	10/19/22 16:33	10
Chromium	0.025	U	0.040	0.025	mg/L		10/18/22 11:37	10/19/22 16:33	10
Lead	0.14		0.012	0.0084	mg/L		10/18/22 11:37	10/19/22 16:33	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/18/22 11:37	10/19/22 16:33	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 13:56	10/18/22 15:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.27		0.018	0.0086	mg/Kg	☼	10/17/22 00:30	10/17/22 04:41	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF			SU			10/19/22 13:59	1
Temperature (SW846 9045D)	21.9	HF			Degrees C			10/19/22 13:59	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/19/22 13:59	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.13	U	0.24	0.13	mg/Kg	☼	10/19/22 09:38	10/19/22 15:30	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/19/22 13:12	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/19/22 12:30	1
Percent Moisture (EPA Moisture)	11.5		1.0	1.0	%			10/17/22 07:20	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Date Collected: 10/13/22 11:30

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.5		1.0	1.0	%			10/17/22 07:20	1
Total Volatile Solids (SM 2540G)	2.2		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	6.5				%			10/20/22 16:50	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:50	1
Sand	45.4				%			10/20/22 16:50	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:50	1
Coarse Sand	4.7				%			10/20/22 16:50	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:50	1
Medium Sand	14.2				%			10/20/22 16:50	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:50	1
Fine Sand	26.5				%			10/20/22 16:50	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:50	1
Fines	48.1				%			10/20/22 16:50	1
Sieve Size 0.375 inch - Percent Finer	98.6				% Passing			10/20/22 16:50	1
Sieve Size #4 - Percent Finer	93.5				% Passing			10/20/22 16:50	1
Sieve Size #10 - Percent Finer	88.8				% Passing			10/20/22 16:50	1
Sieve Size #20 - Percent Finer	83.4				% Passing			10/20/22 16:50	1
Sieve Size #40 - Percent Finer	74.6				% Passing			10/20/22 16:50	1
Sieve Size #60 - Percent Finer	63.6				% Passing			10/20/22 16:50	1
Sieve Size #80 - Percent Finer	59.4				% Passing			10/20/22 16:50	1
Sieve Size #100 - Percent Finer	55.8				% Passing			10/20/22 16:50	1
Sieve Size #200 - Percent Finer	48.1				% Passing			10/20/22 16:50	1

Client Sample ID: B-01-G

Lab Sample ID: 460-267459-11

Date Collected: 10/13/22 12:00

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00043	U	0.00099	0.00043	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Bromomethane	0.00099	U	0.0020	0.00099	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Vinyl chloride	0.00054	U	0.00099	0.00054	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Chloroethane	0.00052	U	0.00099	0.00052	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Acetone	0.0057	U	0.0059	0.0057	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Carbon disulfide	0.00026	U **	0.00099	0.00026	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Trichlorofluoromethane	0.00040	U	0.00099	0.00040	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
1,1-Dichloroethene	0.00022	U	0.00099	0.00022	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
1,1-Dichloroethane	0.00020	U	0.00099	0.00020	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
trans-1,2-Dichloroethene	0.00024	U	0.00099	0.00024	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
cis-1,2-Dichloroethene	0.00035	U	0.00099	0.00035	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Chloroform	0.00096	U	0.00099	0.00096	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
1,2-Dichloroethane	0.00029	U	0.00099	0.00029	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
2-Butanone (MEK)	0.00036	U	0.0050	0.00036	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
1,1,1-Trichloroethane	0.00023	U	0.00099	0.00023	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1
Carbon tetrachloride	0.00038	U **	0.00099	0.00038	mg/Kg	✱	10/16/22 10:48	10/19/22 03:00	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-G

Lab Sample ID: 460-267459-11

Date Collected: 10/13/22 12:00

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.00025	U	0.00099	0.00025	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,2-Dichloropropane	0.00042	U	0.00099	0.00042	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
cis-1,3-Dichloropropene	0.00027	U	0.00099	0.00027	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Trichloroethene	0.00032	U	0.00099	0.00032	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Chlorodibromomethane	0.00019	U *	0.00099	0.00019	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,1,2-Trichloroethane	0.00018	U	0.00099	0.00018	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Benzene	0.00026	U	0.00099	0.00026	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
trans-1,3-Dichloropropene	0.00026	U	0.00099	0.00026	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Bromoform	0.00042	U *	0.00099	0.00042	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
4-Methyl-2-pentanone (MIBK)	0.0015	U	0.0050	0.0015	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Tetrachloroethene	0.00030	U	0.00099	0.00030	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.00099	0.00021	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Toluene	0.00023	U	0.00099	0.00023	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Chlorobenzene	0.00018	U	0.00099	0.00018	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Ethylbenzene	0.00020	U	0.00099	0.00020	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Styrene	0.00028	U	0.00099	0.00028	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
m-Xylene & p-Xylene	0.00017	U	0.00099	0.00017	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
o-Xylene	0.00019	U	0.00099	0.00019	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Acrolein	0.028	U	0.099	0.028	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.00099	0.00030	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
TBA	0.0078	U	0.0099	0.0078	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Acrylonitrile	0.0048	U	0.0099	0.0048	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Methyl tert-butyl ether	0.00051	U	0.00099	0.00051	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Cyclohexane	0.00022	U	0.00099	0.00022	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Ethylene Dibromide	0.00018	U	0.00099	0.00018	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,3-Dichlorobenzene	0.00036	U	0.00099	0.00036	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,4-Dichlorobenzene	0.00022	U	0.00099	0.00022	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,2-Dichlorobenzene	0.00036	U	0.00099	0.00036	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Dichlorodifluoromethane	0.00034	U	0.00099	0.00034	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,2,4-Trichlorobenzene	0.00035	U	0.00099	0.00035	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,4-Dioxane	0.0091	U	0.099	0.0091	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,2,3-Trichlorobenzene	0.00018	U	0.00099	0.00018	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.00099	0.00046	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Chlorobromomethane	0.00028	U	0.00099	0.00028	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Isopropylbenzene	0.00028	U	0.00099	0.00028	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1
Methylcyclohexane	0.00049	U	0.00099	0.00049	mg/Kg	☼	10/16/22 10:48	10/19/22 03:00	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/16/22 10:48	10/19/22 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		72 - 145	10/16/22 10:48	10/19/22 03:00	1
Toluene-d8 (Surr)	98		80 - 120	10/16/22 10:48	10/19/22 03:00	1
4-Bromofluorobenzene	97		75 - 139	10/16/22 10:48	10/19/22 03:00	1
Dibromofluoromethane (Surr)	110		73 - 139	10/16/22 10:48	10/19/22 03:00	1

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-G

Lab Sample ID: 460-267459-11

Date Collected: 10/13/22 12:00

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/19/22 04:47	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/19/22 04:47	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/19/22 04:47	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/19/22 04:47	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/19/22 04:47	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/19/22 04:47	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/19/22 04:47	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/19/22 04:47	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/19/22 04:47	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/19/22 04:47	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	125		70 - 128		10/19/22 04:47	10
4-Bromofluorobenzene	104		76 - 120		10/19/22 04:47	10
Dibromofluoromethane (Surr)	110		77 - 124		10/19/22 04:47	10
Toluene-d8 (Surr)	110		80 - 120		10/19/22 04:47	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.5		1.0	1.0	%			10/17/22 07:20	1
Percent Solids (EPA Moisture)	89.5		1.0	1.0	%			10/17/22 07:20	1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2-Chlorophenol	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2-Methylphenol	0.014	U	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4-Methylphenol	0.023	U	0.36	0.023	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2-Nitrophenol	0.037	U	0.36	0.037	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,4-Dimethylphenol	0.044	U	0.36	0.044	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,4-Dichlorophenol	0.023	U	0.15	0.023	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4-Chloro-3-methylphenol	0.021	U	0.36	0.021	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,4,6-Trichlorophenol	0.047	U	0.15	0.047	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,4,5-Trichlorophenol	0.037	U	0.36	0.037	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,4-Dinitrotoluene	0.039	U	0.074	0.039	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4-Nitrophenol	0.060	U	0.74	0.060	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4,6-Dinitro-2-methylphenol	0.15	U	0.29	0.15	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Pentachlorophenol	0.075	U	0.29	0.075	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
N-Nitrosodimethylamine	0.034	U	0.36	0.034	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Bis(2-chloroethyl)ether	0.013	U	0.036	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
N-Nitrosodi-n-propylamine	0.027	U	0.036	0.027	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Hexachloroethane	0.013	U	0.036	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Nitrobenzene	0.020	U	0.036	0.020	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Naphthalene	0.053	J	0.36	0.0063	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4-Chloroaniline	0.065	U	0.36	0.065	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.0078	U	0.074	0.0078	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2-Methylnaphthalene	0.023	J	0.36	0.010	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Hexachlorocyclopentadiene	0.032	U	0.36	0.032	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2-Chloronaphthalene	0.017	U	0.36	0.017	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2-Nitroaniline	0.028	U	0.36	0.028	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Dimethyl phthalate	0.083	U	0.36	0.083	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Acenaphthylene	0.099	J	0.36	0.010	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,6-Dinitrotoluene	0.026	U	0.074	0.026	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
3-Nitroaniline	0.087	U	0.36	0.087	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Acenaphthene	0.094	J	0.36	0.010	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Dibenzofuran	0.072	J	0.36	0.012	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,4-Dinitrophenol	0.18	U	0.29	0.18	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Diethyl phthalate	0.012	U	0.36	0.012	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4-Chlorophenyl phenyl ether	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Fluorene	0.12	J	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4-Nitroaniline	0.042	U	0.36	0.042	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
N-Nitrosodiphenylamine	0.030	U	0.36	0.030	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
4-Bromophenyl phenyl ether	0.015	U	0.36	0.015	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Hexachlorobenzene	0.017	U	0.036	0.017	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Phenanthrene	1.3		0.36	0.0064	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Anthracene	0.34	J	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Carbazole	0.13	J	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Di-n-butyl phthalate	0.014	U	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Fluoranthene	1.8		0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Pyrene	1.5		0.36	0.0091	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Benzidine	0.077	U	0.36	0.077	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Butyl benzyl phthalate	0.017	U	0.36	0.017	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Benzo[a]anthracene	0.90		0.036	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Chrysene	0.83		0.36	0.0062	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.36	0.019	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Di-n-octyl phthalate	0.019	U	0.36	0.019	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Benzo[b]fluoranthene	1.1		0.036	0.0095	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Benzo[k]fluoranthene	0.38		0.036	0.0072	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Benzo[a]pyrene	0.79		0.036	0.0097	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Indeno[1,2,3-cd]pyrene	0.57		0.036	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Dibenz(a,h)anthracene	0.14		0.036	0.016	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Benzo[g,h,i]perylene	0.41		0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
1,2-Diphenylhydrazine	0.014	U	0.36	0.014	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
1,1'-Biphenyl	0.013	U	0.36	0.013	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Acetophenone	0.018	U	0.36	0.018	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Benzaldehyde	0.060	U	0.36	0.060	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Caprolactam	0.057	U	0.36	0.057	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Atrazine	0.022	U	0.15	0.022	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,2'-oxybis[1-chloropropane]	0.0066	U	0.36	0.0066	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.36	0.011	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.36	0.025	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
3,3'-Dichlorobenzidine	0.055	U	0.15	0.055	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1
Bis(2-chloroethoxy)methane	0.028	U	0.36	0.028	mg/Kg	☼	10/14/22 19:47	10/17/22 04:54	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Perylene	0.49	J N	mg/Kg	☼	13.44	198-55-0	10/14/22 19:47	10/17/22 04:54	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5 (Surr)	76		16 - 125				10/14/22 19:47	10/17/22 04:54	1
Phenol-d5 (Surr)	76		23 - 120				10/14/22 19:47	10/17/22 04:54	1
Terphenyl-d14 (Surr)	89		25 - 126				10/14/22 19:47	10/17/22 04:54	1
2,4,6-Tribromophenol (Surr)	103		10 - 123				10/14/22 19:47	10/17/22 04:54	1
2-Fluorophenol (Surr)	73		18 - 123				10/14/22 19:47	10/17/22 04:54	1
2-Fluorobiphenyl	86		22 - 122				10/14/22 19:47	10/17/22 04:54	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/17/22 21:26	10/18/22 15:15	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 15:15	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 15:15	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/17/22 21:26	10/18/22 15:15	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 15:15	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 15:15	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/17/22 21:26	10/18/22 15:15	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/17/22 21:26	10/18/22 15:15	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/17/22 21:26	10/18/22 15:15	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/17/22 21:26	10/18/22 15:15	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/17/22 21:26	10/18/22 15:15	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/17/22 21:26	10/18/22 15:15	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	131		37 - 150				10/17/22 21:26	10/18/22 15:15	1
2-Fluorobiphenyl	141	S1+	46 - 139				10/17/22 21:26	10/18/22 15:15	1
2-Fluorophenol (Surr)	69		19 - 80				10/17/22 21:26	10/18/22 15:15	1
Nitrobenzene-d5 (Surr)	129		52 - 137				10/17/22 21:26	10/18/22 15:15	1
Phenol-d5 (Surr)	52		10 - 56				10/17/22 21:26	10/18/22 15:15	1
Terphenyl-d14 (Surr)	91		22 - 150				10/17/22 21:26	10/18/22 15:15	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4,4'-DDD	0.0013	U	0.0074	0.0013	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
4,4'-DDE	0.00088	U	0.0074	0.00088	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
4,4'-DDT	0.0014	U	0.0074	0.0014	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Aldrin	0.0011	U	0.0074	0.0011	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
alpha-BHC	0.00075	U	0.0022	0.00075	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
beta-BHC	0.00083	U	0.0022	0.00083	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Chlordane (technical)	0.018	U	0.074	0.018	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
delta-BHC	0.00045	U	0.0022	0.00045	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Dieldrin	0.00096	U	0.0022	0.00096	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Endosulfan I	0.0011	U	0.0074	0.0011	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Endosulfan II	0.0019	U	0.0074	0.0019	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Endosulfan sulfate	0.00093	U	0.0074	0.00093	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Endrin	0.0011	U	0.0074	0.0011	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Endrin aldehyde	0.0018	U	0.0074	0.0018	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Endrin ketone	0.0014	U	0.0074	0.0014	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
gamma-BHC (Lindane)	0.00069	U	0.0022	0.00069	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.00088	U	0.0074	0.00088	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Heptachlor epoxide	0.0011	U	0.0074	0.0011	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Methoxychlor	0.0017	U	0.0074	0.0017	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Toxaphene	0.027	U	0.074	0.027	mg/Kg	☼	10/14/22 17:20	10/17/22 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		43 - 150				10/14/22 17:20	10/17/22 14:02	1
DCB Decachlorobiphenyl	79		43 - 150				10/14/22 17:20	10/17/22 14:02	1
Tetrachloro-m-xylene	82		26 - 137				10/14/22 17:20	10/17/22 14:02	1
Tetrachloro-m-xylene	76		26 - 137				10/14/22 17:20	10/17/22 14:02	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 11:25	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 11:25	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 11:25	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 11:25	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 11:25	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 11:25	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	44		15 - 121				10/17/22 21:29	10/18/22 11:25	1
DCB Decachlorobiphenyl	50		15 - 121				10/17/22 21:29	10/18/22 11:25	1
Tetrachloro-m-xylene	45		17 - 120				10/17/22 21:29	10/18/22 11:25	1
Tetrachloro-m-xylene	43		17 - 120				10/17/22 21:29	10/18/22 11:25	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor 1221	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor 1232	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor 1242	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor 1248	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor 1254	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor 1260	0.11		0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor-1262	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Aroclor 1268	0.020	U	0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Polychlorinated biphenyls, Total	0.11		0.074	0.020	mg/Kg	☼	10/14/22 17:04	10/17/22 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		10 - 150				10/14/22 17:04	10/17/22 13:02	1
DCB Decachlorobiphenyl	127		10 - 150				10/14/22 17:04	10/17/22 13:02	1
Tetrachloro-m-xylene	95		42 - 150				10/14/22 17:04	10/17/22 13:02	1
Tetrachloro-m-xylene	118		42 - 150				10/14/22 17:04	10/17/22 13:02	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.013	U	0.037	0.013	mg/Kg	☼	10/19/22 10:36	10/19/22 20:52	1
Silvex (2,4,5-TP)	0.0038	U	0.037	0.0038	mg/Kg	☼	10/19/22 10:36	10/19/22 20:52	1
2,4,5-T	0.0079	U	0.037	0.0079	mg/Kg	☼	10/19/22 10:36	10/19/22 20:52	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	39		27 - 150	10/19/22 10:36	10/19/22 20:52	1
2,4-Dichlorophenylacetic acid	49		27 - 150	10/19/22 10:36	10/19/22 20:52	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U ** *1	0.083	0.0050	mg/L		10/18/22 10:44	10/19/22 11:36	1
Silvex (2,4,5-TP)	0.0040	U ** *1	0.083	0.0040	mg/L		10/18/22 10:44	10/19/22 11:36	1
2,4,5-T	0.0020	U ** *1	0.083	0.0020	mg/L		10/18/22 10:44	10/19/22 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	65		10 - 150	10/18/22 10:44	10/19/22 11:36	1
2,4-Dichlorophenylacetic acid	64		10 - 150	10/18/22 10:44	10/19/22 11:36	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	130		16	16	mg/Kg	☼	10/16/22 12:23	10/17/22 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	32	S1-	40 - 140	10/16/22 12:23	10/17/22 18:47	1
1-Chlorooctadecane	96		40 - 140	10/16/22 12:23	10/17/22 18:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.12	J	0.36	0.080	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Aluminum	10800		17.9	4.9	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Arsenic	5.3		0.90	0.092	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Barium	97.2		1.8	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Beryllium	0.48		0.36	0.051	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Calcium	7210		89.6	15.9	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Cadmium	0.31	J	0.90	0.10	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Cobalt	6.7		1.8	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Chromium	20.7		1.8	0.81	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Copper	34.4		1.8	0.33	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Iron	17800		53.8	18.1	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Potassium	1170		89.6	14.5	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Magnesium	3140		89.6	9.1	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Manganese	264		3.6	0.36	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Sodium	96.8		89.6	41.0	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Nickel	11.1		1.8	0.42	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Lead	126		0.54	0.18	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Antimony	0.71	J	0.90	0.13	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Selenium	0.39	J	1.1	0.11	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Thallium	0.12	J	0.36	0.037	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Vanadium	26.2		1.8	0.18	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1
Zinc	118		7.2	2.7	mg/Kg	☼	10/16/22 23:00	10/18/22 15:33	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/18/22 11:37	10/19/22 16:36	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/18/22 11:37	10/19/22 16:36	10
Barium	0.67		0.040	0.0091	mg/L		10/18/22 11:37	10/19/22 16:36	10

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0046	J	0.020	0.0039	mg/L		10/18/22 11:37	10/19/22 16:36	10
Chromium	0.025	U	0.040	0.025	mg/L		10/18/22 11:37	10/19/22 16:36	10
Lead	0.16		0.012	0.0084	mg/L		10/18/22 11:37	10/19/22 16:36	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/18/22 11:37	10/19/22 16:36	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 13:56	10/18/22 15:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.31		0.018	0.0086	mg/Kg	☆	10/17/22 00:30	10/17/22 04:42	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4	HF			SU			10/19/22 14:01	1
Temperature (SW846 9045D)	21.7	HF			Degrees C			10/19/22 14:01	1
Corrosivity (SW846 9045D)	8.4	HF			SU			10/19/22 14:01	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.15	U	0.27	0.15	mg/Kg	☆	10/19/22 09:38	10/19/22 15:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			10/19/22 13:12	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/19/22 12:37	1
Percent Moisture (EPA Moisture)	10.0		1.0	1.0	%			10/17/22 07:20	1
Percent Solids (EPA Moisture)	90.0		1.0	1.0	%			10/17/22 07:20	1
Total Volatile Solids (SM 2540G)	2.4		0.10	0.10	%			10/17/22 08:28	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	5.9				%			10/20/22 16:52	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:52	1
Sand	51.0				%			10/20/22 16:52	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:52	1
Coarse Sand	7.8				%			10/20/22 16:52	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:52	1
Medium Sand	19.0				%			10/20/22 16:52	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:52	1
Fine Sand	24.2				%			10/20/22 16:52	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:52	1
Fines	43.1				%			10/20/22 16:52	1
Sieve Size 0.375 inch - Percent Finer	100.0				% Passing			10/20/22 16:52	1
Sieve Size #4 - Percent Finer	94.1				% Passing			10/20/22 16:52	1
Sieve Size #10 - Percent Finer	86.3				% Passing			10/20/22 16:52	1
Sieve Size #20 - Percent Finer	78.0				% Passing			10/20/22 16:52	1
Sieve Size #40 - Percent Finer	67.3				% Passing			10/20/22 16:52	1
Sieve Size #60 - Percent Finer	56.1				% Passing			10/20/22 16:52	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Sieve Size #80 - Percent Finer	51.3				% Passing			10/20/22 16:52	1
Sieve Size #100 - Percent Finer	49.0				% Passing			10/20/22 16:52	1
Sieve Size #200 - Percent Finer	43.1				% Passing			10/20/22 16:52	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	B-09-C
Lab Sample ID	460-267459-F-2

Date Received	10/13/2022
Start Date	10/20/2022 16:43
End Date	10/21/2022 15:11

Dry Weight Determination

Tin Weight	0.99 g
Wet Sample + Tin	23.85 g
Dry Sample + Tin	20.90 g
% Moisture	12.90 %

Non-soil material:	n/a
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	10/20/2022 16:44
Date/Time out of oven	10/21/2022 13:45

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.84	211.29	163.45
Sample Weight (Oven Dried)			142

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			18.3
Sample <#10			124
% Passing #10			75.9

Hydrometer Data

Serial Number	
Calib. Date (mm/dd/yyyy)	
Low Temp (C)	
Reading at Low Temp	
High Temp (C)	
Reading at High Temp	
Hydrometer Cal Slope	#DIV/0!
Hydrometer Cal Intercept	#DIV/0!
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.18	448.18	1.00 g	99.3	Gravel	
#4	4750	487.96	495.39	7.43 g	94.1	Gravel	
#10	2000	462.53	472.42	9.89 g	87.1	Sand	Coarse
#20	850	377.17	386.72	9.55 g	80.4	Sand	Medium
#40	425	365.41	379.98	14.57 g	70.1	Sand	Medium
#60	250	347.39	364.12	16.73 g	58.3	Sand	Fine
#80	180	336.52	343.52	7.00 g	53.4	Sand	Fine
#100	150	326.89	332.56	5.67 g	49.4	Sand	Fine
#200	75	312.09	322.98	10.89 g	41.7	Sand	Fine
				0.00 g	41.7		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	142
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2						Silt	
5						Silt	
15						Silt	
30						Silt	
60						Silt	
250						Clay	
1440						Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	B-10-C
Lab Sample ID	460-267459-F-4

Date Received	10/13/2022
Start Date	10/20/2022 16:45
End Date	10/21/2022 15:15

Dry Weight Determination

Tin Weight	0.99 g
Wet Sample + Tin	12.89 g
Dry Sample + Tin	11.65 g
% Moisture	10.42 %

Non-soil material:	n/a
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	10/20/2022 16:46
Date/Time out of oven	10/21/2022 13:45

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.86	196.20	148.34
Sample Weight (Oven Dried)			133

Hydrometer Data

Serial Number	
Calib. Date (mm/dd/yyyy)	
Low Temp (C)	
Reading at Low Temp	
High Temp (C)	
Reading at High Temp	
Hydrometer Cal Slope	#DIV/0!
Hydrometer Cal Intercept	#DIV/0!
Default Soil Gravity	2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			11.7
Sample <#10			121
% Passing #10			81.6

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.18	447.96	0.78 g	99.4	Gravel	
#4	4750	487.96	491.42	3.46 g	96.8	Gravel	
#10	2000	462.53	469.96	7.43 g	91.2	Sand	Coarse
#20	850	372.65	382.05	9.40 g	84.1	Sand	Medium
#40	425	360.81	375.14	14.33 g	73.3	Sand	Medium
#60	250	351.10	366.30	15.20 g	61.9	Sand	Fine
#80	180	318.33	325.52	7.19 g	56.5	Sand	Fine
#100	150	327.46	331.12	3.66 g	53.7	Sand	Fine
#200	75	313.45	324.43	10.98 g	45.4	Sand	Fine
				0.00 g	45.4		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	133
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2						Silt	
5						Silt	
15						Silt	
30						Silt	
60						Silt	
250						Clay	
1440						Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	B-11-C
Lab Sample ID	460-267459-F-6

Date Received	10/13/2022
Start Date	10/20/2022 16:47
End Date	10/21/2022 15:25

Dry Weight Determination

Tin Weight	0.98 g
Wet Sample + Tin	18.03 g
Dry Sample + Tin	16.01 g
% Moisture	11.85 %

Non-soil material:	n/a
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	10/20/2022 16:48
Date/Time out of oven	10/21/2022 13:45

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.81	190.13	142.32
Sample Weight (Oven Dried)			125

Hydrometer Data

Serial Number	
Calib. Date (mm/dd/yyyy)	
Low Temp (C)	
Reading at Low Temp	
High Temp (C)	
Reading at High Temp	
Hydrometer Cal Slope	#DIV/0!
Hydrometer Cal Intercept	#DIV/0!
Default Soil Gravity	2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			15.6
Sample <#10			109
% Passing #10			76.6

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.18	450.89	3.71 g	97.0	Gravel	
#4	4750	487.96	494.75	6.79 g	91.6	Gravel	
#10	2000	462.53	467.62	5.09 g	87.5	Sand	Coarse
#20	850	377.17	383.10	5.93 g	82.8	Sand	Medium
#40	425	365.41	374.80	9.39 g	75.3	Sand	Medium
#60	250	347.39	359.16	11.77 g	65.9	Sand	Fine
#80	180	336.52	341.51	4.99 g	61.9	Sand	Fine
#100	150	326.89	331.31	4.42 g	58.4	Sand	Fine
#200	75	312.09	322.63	10.54 g	50.0	Sand	Fine
				0.00 g	50.0		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	125
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2						Silt	
5						Silt	
15						Silt	
30						Silt	
60						Silt	
250						Clay	
1440						Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	B-12-C
Lab Sample ID	460-267459-F-8

Date Received	10/13/2022
Start Date	10/20/2022 16:48
End Date	10/21/2022 15:29

Dry Weight Determination

Tin Weight	1.01 g
Wet Sample + Tin	18.04 g
Dry Sample + Tin	15.73 g
% Moisture	13.56 %

Non-soil material:	plant
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	10/20/2022 16:50
Date/Time out of oven	10/21/2022 13:46

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.82	186.03	138.21
Sample Weight (Oven Dried)			119

Hydrometer Data

Serial Number	
Calib. Date (mm/dd/yyyy)	
Low Temp (C)	
Reading at Low Temp	
High Temp (C)	
Reading at High Temp	
Hydrometer Cal Slope	#DIV/0!
Hydrometer Cal Intercept	#DIV/0!
Default Soil Gravity	2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			14.9
Sample <#10			104
% Passing #10			75.2

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.18	450.14	2.96 g	97.5	Gravel	
#4	4750	487.96	493.48	5.52 g	92.9	Gravel	
#10	2000	462.53	468.99	6.46 g	87.5	Sand	Coarse
#20	850	372.65	379.46	6.81 g	81.8	Sand	Medium
#40	425	360.81	369.88	9.07 g	74.2	Sand	Medium
#60	250	351.10	361.97	10.87 g	65.1	Sand	Fine
#80	180	318.33	323.60	5.27 g	60.7	Sand	Fine
#100	150	327.46	330.26	2.80 g	58.3	Sand	Fine
#200	75	313.45	322.50	9.05 g	50.7	Sand	Fine
				0.00 g	50.7		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	119
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2						Silt	
5						Silt	
15						Silt	
30						Silt	
60						Silt	
250						Clay	
1440						Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	B-13-C
Lab Sample ID	460-267459-F-10

Date Received	10/13/2022
Start Date	10/20/2022 16:50
End Date	10/21/2022 15:39

Dry Weight Determination

Tin Weight	0.96 g
Wet Sample + Tin	19.63 g
Dry Sample + Tin	17.20 g
% Moisture	13.02 %

Non-soil material:	glass
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	10/20/2022 16:51
Date/Time out of oven	10/21/2022 13:46

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	44.62	211.55	166.93
Sample Weight (Oven Dried)			145

Hydrometer Data

Serial Number	
Calib. Date (mm/dd/yyyy)	
Low Temp (C)	
Reading at Low Temp	
High Temp (C)	
Reading at High Temp	
Hydrometer Cal Slope	#DIV/0!
Hydrometer Cal Intercept	#DIV/0!
Default Soil Gravity	2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			16.2
Sample <#10			129
% Passing #10			77.3

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.18	449.21	2.03 g	98.6	Gravel	
#4	4750	487.96	495.29	7.33 g	93.5	Gravel	
#10	2000	462.53	469.41	6.88 g	88.8	Sand	Coarse
#20	850	377.17	385.04	7.87 g	83.4	Sand	Medium
#40	425	365.41	378.10	12.69 g	74.6	Sand	Medium
#60	250	347.39	363.38	15.99 g	63.6	Sand	Fine
#80	180	336.52	342.58	6.06 g	59.4	Sand	Fine
#100	150	326.89	332.12	5.23 g	55.8	Sand	Fine
#200	75	312.09	323.24	11.15 g	48.1	Sand	Fine
				0.00 g	48.1		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	145
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2						Silt	
5						Silt	
15						Silt	
30						Silt	
60						Silt	
250						Clay	
1440						Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	B-01-C
Lab Sample ID	460-267459-F-12

Date Received	10/13/2022
Start Date	10/20/2022 16:52
End Date	10/21/2022 15:43

Dry Weight Determination

Tin Weight	0.98 g
Wet Sample + Tin	20.97 g
Dry Sample + Tin	18.63 g
% Moisture	11.71 %

Non-soil material:	n/a
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	10/20/2022 16:53
Date/Time out of oven	10/21/2022 13:47

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.44	206.78	159.34
Sample Weight (Oven Dried)			141

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			19.4
Sample <#10			122
% Passing #10			76.6

Hydrometer Data

Serial Number	
Calib. Date (mm/dd/yyyy)	
Low Temp (C)	
Reading at Low Temp	
High Temp (C)	
Reading at High Temp	
Hydrometer Cal Slope	#DIV/0!
Hydrometer Cal Intercept	#DIV/0!
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.18		0.00 g	100.0	Gravel	
#4	4750	487.96	496.34	8.38 g	94.1	Gravel	
#10	2000	462.53	473.56	11.03 g	86.3	Sand	Coarse
#20	850	372.65	384.34	11.69 g	78.0	Sand	Medium
#40	425	360.81	375.88	15.07 g	67.3	Sand	Medium
#60	250	351.10	366.85	15.75 g	56.1	Sand	Fine
#80	180	318.33	325.09	6.76 g	51.3	Sand	Fine
#100	150	327.46	330.77	3.31 g	49.0	Sand	Fine
#200	75	313.45	321.76	8.31 g	43.1	Sand	Fine
				0.00 g	43.1		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	141
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2						Silt	
5						Silt	
15						Silt	
30						Silt	
60						Silt	
250						Clay	
1440						Clay	

Eurofins Lancaster Laboratories Environment Testing, LLC

Sediment Grain Size - D422

Client		Date Received	
Client Sample ID		Start Date	11/01/2022 16:05
Lab Sample ID	460-267346-A-2	End Date	11/04/2022 9:30

Dry Weight Determination		Non-soil material:	
Tin Weight	0.80 g	Shape (> #10):	
Wet Sample + Tin	8.56 g	Hardness (> #10):	
Dry Sample + Tin	7.60 g		
% Moisture	12.37 %		
		Date/Time in oven	11/03/2022 15:00
		Date/Time out of oven	11/04/2022 9:20

Sample Weights				Hydrometer Data	
	Tare (g)	Pan+Samp (g)	Samp (g)	Serial Number	237666
Sample Weight (Wet)	113.93	181.16	67.23	Calib. Date (mm/dd/yyyy)	07/25/2022
Sample Weight (Oven Dried)			58.9	Low Temp (C)	17.0
Sample Split (oven dried)				Reading at Low Temp	1.0010
	Tare (g)	Pan+Samp (g)	Samp (g)	High Temp (C)	23.0
Sample >=#10			8.6	Reading at High Temp	1.0005
Sample <#10			50.3	Hydrometer Cal Slope	-8.33333E-05
% Passing #10			74.8	Hydrometer Cal Intercept	1.002416667
				Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)							
Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	556.84	560.36	3.52 g	94.0	Gravel	
#4	4750	502.87	505.30	2.43 g	89.9	Gravel	
#10	2000	450.92	453.57	2.65 g	85.4	Sand	Coarse
#20	850	340.72	344.79	4.07 g	78.5	Sand	Medium
#40	425	350.43	356.46	6.03 g	68.3	Sand	Medium
#60	250	333.41	340.29	6.88 g	56.6	Sand	Fine
#80	180	328.47	331.82	3.35 g	50.9	Sand	Fine
#100	150	318.05	318.26	0.21 g	50.5	Sand	Fine
#200	75	216.46	217.39	0.93 g	48.9	Sand	Fine
				0.00 g	48.9		

Adjusted Hydrometer Sample Mass	
Hydrometer Sample Mass (g)	58.9

Silt/Clay Fraction (Hydrometer Test)								
Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class	
	2	2	1.0100	22.0	34.8	25.7	Silt	
	5	5	1.0090	22.0	22.2	23	Silt	
	15	15	1.0090	22.0	12.8	23	Silt	
	30	30	1.0085	22.0	9.1	21.6	Silt	
	60	60	1.0070	22.0	6.5	17.5	Silt	
	250	250	1.0070	22.0	3.2	17.5	Clay	
	1440	1440	1.0070	22.0	1.3	17.5	Clay	



Eurofins Lancaster Laboratories Environment Testing, LLC

Sediment Grain Size - D422

Client
 Client Sample ID
 Lab Sample ID 460-267346-D-4

Date Received
 Start Date 11/01/2022 16:06
 End Date 11/04/2022 9:34

Dry Weight Determination

Tin Weight 0.80 g
 Wet Sample + Tin 8.66 g
 Dry Sample + Tin 7.70 g
 % Moisture 12.21 %

Non-soil material:
 Shape (> #10):
 Hardness (> #10):

Date/Time in oven 11/03/2022 15:00
 Date/Time out of oven 11/04/2022 9:21

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	127.74	202.84	75.1
Sample Weight (Oven Dried)			65.9

Hydrometer Data

Serial Number 237666
 Calib. Date (mm/dd/yyyy) 07/25/2022
 Low Temp (C) 17.0
 Reading at Low Temp 1.0010
 High Temp (C) 23.0
 Reading at High Temp 1.0005
 Hydrometer Cal Slope -8.33333E-05
 Hydrometer Cal Intercept 1.002416667
 Default Soil Gravity 2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			19.5
Sample <#10			46.4
% Passing #10			61.8

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	556.84	567.18	10.34 g	84.3	Gravel	
#4	4750	502.87	509.24	6.37 g	74.6	Gravel	
#10	2000	450.92	453.73	2.81 g	70.3	Sand	Coarse
#20	850	340.72	344.35	3.63 g	64.8	Sand	Medium
#40	425	350.43	356.25	5.82 g	56.0	Sand	Medium
#60	250	333.41	340.52	7.11 g	45.2	Sand	Fine
#80	180	328.47	331.75	3.28 g	40.2	Sand	Fine
#100	150	318.05	318.23	0.18 g	39.9	Sand	Fine
#200	75	216.46	217.46	1.00 g	38.4	Sand	Fine
				0.00 g	38.4		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g) 65.9

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
	2	1.0100	22.0	34.8	22.9	Silt	
	5	1.0090	22.0	22.2	20.5	Silt	
	15	1.0080	22.0	13	18.1	Silt	
	30	1.0080	22.0	9.2	18.1	Silt	
	60	1.0075	22.0	6.5	16.9	Silt	
	250	1.0060	22.0	3.2	13.2	Clay	
	1440	1.0060	22.0	1.3	13.2	Clay	

Eurofins Lancaster Laboratories Environment Testing, LLC

Sediment Grain Size - D422

Client
 Client Sample ID
 Lab Sample ID 460-267346-A-6

Date Received
 Start Date 11/01/2022 16:09
 End Date 11/04/2022 9:38

Dry Weight Determination

Tin Weight 0.81 g
 Wet Sample + Tin 8.44 g
 Dry Sample + Tin 7.63 g
 % Moisture 10.62 %

Non-soil material:
 Shape (> #10):
 Hardness (> #10):

Date/Time in oven 11/03/2022 15:00
 Date/Time out of oven 11/04/2022 9:21

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	115.92	184.13	68.21
Sample Weight (Oven Dried)			61

Hydrometer Data

Serial Number 237666
 Calib. Date (mm/dd/yyyy) 07/25/2022
 Low Temp (C) 17.0
 Reading at Low Temp 1.0010
 High Temp (C) 23.0
 Reading at High Temp 1.0005
 Hydrometer Cal Slope -8.33333E-05
 Hydrometer Cal Intercept 1.002416667
 Default Soil Gravity 2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			9.48
Sample <#10			51.5
% Passing #10			75.5

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	556.84	558.07	1.23 g	98.0	Gravel	
#4	4750	502.87	507.65	4.78 g	90.2	Gravel	
#10	2000	450.92	454.39	3.47 g	84.5	Sand	Coarse
#20	850	340.72	344.36	3.64 g	78.5	Sand	Medium
#40	425	350.43	356.27	5.84 g	68.9	Sand	Medium
#60	250	333.41	341.65	8.24 g	55.4	Sand	Fine
#80	180	328.47	332.56	4.09 g	48.7	Sand	Fine
#100	150	318.05	318.38	0.33 g	48.2	Sand	Fine
#200	75	216.46	217.73	1.27 g	46.1	Sand	Fine
				0.00 g	46.1		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g) 61

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
	2	2	1.0100	22.0	34.8	24.8	Silt
	5	5	1.0100	22.0	22	24.8	Silt
	15	15	1.0085	22.0	12.9	20.8	Silt
	30	30	1.0080	22.0	9.2	19.5	Silt
	60	60	1.0080	22.0	6.5	19.5	Silt
	250	250	1.0070	22.0	3.2	16.9	Clay
	1440	1440	1.0060	22.0	1.3	14.3	Clay

Eurofins Lancaster Laboratories Environment Testing, LLC

Sediment Grain Size - D422

Client
 Client Sample ID
 Lab Sample ID 460-267346-D-8

Date Received
 Start Date 11/01/2022 16:12
 End Date 11/04/2022 9:42

Dry Weight Determination

Tin Weight 0.80 g
 Wet Sample + Tin 7.66 g
 Dry Sample + Tin 6.85 g
 % Moisture 11.81 %

Non-soil material:
 Shape (> #10):
 Hardness (> #10):

Date/Time in oven 11/03/2022 15:00
 Date/Time out of oven 11/04/2022 9:22

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	127.73	202.22	74.49
Sample Weight (Oven Dried)			65.7

Hydrometer Data

Serial Number 237666
 Calib. Date (mm/dd/yyyy) 07/25/2022
 Low Temp (C) 17.0
 Reading at Low Temp 1.0010
 High Temp (C) 23.0
 Reading at High Temp 1.0005
 Hydrometer Cal Slope -8.33333E-05
 Hydrometer Cal Intercept 1.002416667
 Default Soil Gravity 2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			11.2
Sample <#10			54.5
% Passing #10			73.2

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	556.84	562.07	5.23 g	92.0	Gravel	
#4	4750	502.87	505.53	2.66 g	88.0	Gravel	
#10	2000	450.92	454.27	3.35 g	82.9	Sand	Coarse
#20	850	340.72	344.89	4.17 g	76.6	Sand	Medium
#40	425	350.43	356.24	5.81 g	67.8	Sand	Medium
#60	250	333.41	342.70	9.29 g	53.7	Sand	Fine
#80	180	328.47	332.98	4.51 g	46.8	Sand	Fine
#100	150	318.05	318.41	0.36 g	46.3	Sand	Fine
#200	75	216.46	217.42	0.96 g	44.8	Sand	Fine
				0.00 g	44.8		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g) 65.7

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0110	22.0	34.5	25.5	Silt	
5	5	1.0100	22.0	22	23	Silt	
15	15	1.0085	22.0	12.9	19.4	Silt	
30	30	1.0080	22.0	9.2	18.1	Silt	
60	60	1.0080	22.0	6.5	18.1	Silt	
250	250	1.0070	22.0	3.2	15.7	Clay	
1440	1440	1.0060	22.0	1.3	13.2	Clay	

Eurofins Lancaster Laboratories Environment Testing, LLC

Sediment Grain Size - D422

Client
 Client Sample ID
 Lab Sample ID 460-267346-B-10

Date Received
 Start Date 11/01/2022 16:13
 End Date 11/04/2022 9:45

Dry Weight Determination

Tin Weight 0.81 g
 Wet Sample + Tin 8.54 g
 Dry Sample + Tin 7.71 g
 % Moisture 10.74 %

Non-soil material:
 Shape (> #10):
 Hardness (> #10):

Date/Time in oven 11/03/2022 15:00
 Date/Time out of oven 11/04/2022 9:21

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	114.36	192.01	77.65
Sample Weight (Oven Dried)			69.3

Hydrometer Data

Serial Number 237666
 Calib. Date (mm/dd/yyyy) 07/25/2022
 Low Temp (C) 17.0
 Reading at Low Temp 1.0010
 High Temp (C) 23.0
 Reading at High Temp 1.0005
 Hydrometer Cal Slope -8.33333E-05
 Hydrometer Cal Intercept 1.002416667
 Default Soil Gravity 2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			7.4
Sample <#10			61.9
% Passing #10			79.7

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	556.84	557.64	0.80 g	98.8	Gravel	
#4	4750	502.87	505.33	2.46 g	95.3	Gravel	
#10	2000	450.92	455.06	4.14 g	89.3	Sand	Coarse
#20	850	340.72	344.85	4.13 g	83.3	Sand	Medium
#40	425	350.43	356.61	6.18 g	74.4	Sand	Medium
#60	250	333.41	346.22	12.81 g	55.9	Sand	Fine
#80	180	328.47	333.63	5.16 g	48.5	Sand	Fine
#100	150	318.05	318.39	0.34 g	48.0	Sand	Fine
#200	75	216.46	217.46	1.00 g	46.6	Sand	Fine
				0.00 g	46.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g) 69.3

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
	2	2	1.0110	22.0	34.5	24.1	Silt
	5	5	1.0100	22.0	22	21.8	Silt
	15	15	1.0080	22.0	13	17.2	Silt
	30	30	1.0075	22.0	9.2	16	Silt
	60	60	1.0070	22.0	6.5	14.9	Silt
	250	250	1.0070	22.0	3.2	14.9	Clay
	1440	1440	1.0060	22.0	1.3	12.6	Clay

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (72-145)	TOL (80-120)	BFB (75-139)	DBFM (73-139)
460-267346-1	B-04-G	114	101	99	121
460-267346-3	B-05-G	108	100	101	116
460-267346-5	B-06-G	106	101	102	114
460-267346-7	B-07-G	108	104	106	115
460-267346-9	B-08-G	105	100	99	114
460-267459-1	B-09-G	110	96	95	114
460-267459-3	B-10-G	107	94	98	111
460-267459-5	B-11-G	108	96	95	112
460-267459-7	B-12-G	109	97	94	110
460-267459-9	B-13-G	107	98	96	111
460-267459-11	B-01-G	109	98	97	110
LCS 460-872434/3	Lab Control Sample	97	102	98	105
LCS 460-872520/4	Lab Control Sample	102	104	101	109
LCS 460-872654/4	Lab Control Sample	112	103	99	118
LCS 460-872655/4	Lab Control Sample	101	97	94	105
LCS 460-872776/4	Lab Control Sample	103	96	95	104
LCSD 460-872434/4	Lab Control Sample Dup	97	98	97	101
LCSD 460-872520/5	Lab Control Sample Dup	97	99	95	106
LCSD 460-872654/5	Lab Control Sample Dup	106	103	97	114
LCSD 460-872655/5	Lab Control Sample Dup	98	98	92	108
LCSD 460-872776/5	Lab Control Sample Dup	103	98	98	107
MB 460-872434/31	Method Blank	103	105	104	111
MB 460-872520/9	Method Blank	101	101	99	113
MB 460-872654/9	Method Blank	111	102	102	120
MB 460-872655/9	Method Blank	102	96	96	108
MB 460-872776/9	Method Blank	105	96	95	108

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	TOL (80-120)	BFB (76-120)	DBFM (77-124)
LCS 460-872321/3	Lab Control Sample	107	104	105	102
LCS 460-872325/4	Lab Control Sample	114	106	103	104
LCS 460-872525/3	Lab Control Sample	118	109	105	110
LCS 460-872652/4	Lab Control Sample	120	108	105	108
LCSD 460-872321/6	Lab Control Sample Dup	95	91	88	92
LCSD 460-872325/5	Lab Control Sample Dup	114	108	101	103
LCSD 460-872525/4	Lab Control Sample Dup	124	108	105	110
LCSD 460-872652/5	Lab Control Sample Dup	120	111	102	107
MB 460-872321/8	Method Blank	120	101	97	118
MB 460-872325/9	Method Blank	116	106	104	105
MB 460-872525/9	Method Blank	119	108	103	107

Eurolins Edison

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (70-128)	TOL (80-120)	BFB (76-120)	DBFM (77-124)
MB 460-872652/10	Method Blank	123	109	104	110

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (70-128)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-267346-1	B-04-G	115	100	103	108
460-267346-3	B-05-G	122	103	104	109
460-267346-5	B-06-G	114	102	105	105
460-267346-7	B-07-G	115	106	106	110
460-267346-9	B-08-G	114	106	106	106
460-267459-1	B-09-G	121	102	108	109
460-267459-3	B-10-G	120	101	109	109
460-267459-5	B-11-G	123	105	110	109
460-267459-7	B-12-G	125	104	109	109
460-267459-9	B-13-G	123	104	108	106
460-267459-11	B-01-G	125	104	110	110
LB 460-872167/1-A	Method Blank	114	98	108	103
LB 460-872298/1-A	Method Blank	120	102	109	110

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (70-128)	TOL (80-120)	BFB (76-120)	DBFM (77-124)
460-266860-D-4 MS	Matrix Spike	108	102	110	104
460-266860-D-4 MSD	Matrix Spike Duplicate	106	103	114	102
460-267346-11	Test Blank	117	103	111	110
LCS 460-871872/3	Lab Control Sample	106	103	113	104
MB 460-871872/8	Method Blank	113	101	112	111

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (16-125)	PHL (23-120)	TPHL (25-126)	TBP (10-123)	2FP (18-123)	FBP (22-122)
460-267346-2	B-04-C	69	70	81	89	62	79
460-267346-2 MS	B-04-C	71	69	83	90	65	80
460-267346-2 MSD	B-04-C	69	66	80	87	64	78
460-267346-4	B-05-C	67	65	79	84	61	78
460-267346-6	B-06-C	68	67	80	87	62	79
460-267346-8	B-07-C	69	69	80	87	64	80
460-267346-10	B-08-C	71	66	81	86	63	81
460-267429-E-1-B MS	Matrix Spike	50	46	71	67	36	63
460-267429-E-1-C MSD	Matrix Spike Duplicate	69	65	80	77	64	79
460-267459-2	B-09-C	75	72	86	103	70	83
460-267459-4	B-10-C	70	63	83	81	61	76
460-267459-6	B-11-C	70	64	82	83	64	75
460-267459-8	B-12-C	70	62	84	81	62	75
460-267459-10	B-13-C	69	64	82	85	63	76
460-267459-12	B-01-C	76	76	89	103	73	86
LCS 460-871842/2-A	Lab Control Sample	74	72	87	92	70	84
LCS 460-872055/2-A	Lab Control Sample	75	70	84	83	70	85
LCSD 460-871842/3-A	Lab Control Sample Dup	72	71	85	94	71	82
LCSD 460-872055/3-A	Lab Control Sample Dup	78	69	91	87	71	88
MB 460-871842/1-A	Method Blank	70	69	84	89	66	80
MB 460-872055/1-A	Method Blank	69	63	87	83	65	85

Surrogate Legend

- NBZ = Nitrobenzene-d5 (Surr)
- PHL = Phenol-d5 (Surr)
- TPHL = Terphenyl-d14 (Surr)
- TBP = 2,4,6-Tribromophenol (Surr)
- 2FP = 2-Fluorophenol (Surr)
- FBP = 2-Fluorobiphenyl

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (52-137)	PHL (10-56)	TPHL (22-150)	TBP (37-150)	2FP (19-80)	FBP (46-139)
LCS 460-872220/2-A	Lab Control Sample	86	32	53	80	43	87
LCS 460-872487/2-A	Lab Control Sample	82	27	88	89	41	76
LCSD 460-872220/3-A	Lab Control Sample Dup	85	31	55	83	44	86
LCSD 460-872487/3-A	Lab Control Sample Dup	82	29	88	90	42	77
MB 460-872220/1-A	Method Blank	76	22	43	58	33	80
MB 460-872487/1-A	Method Blank	124	40	139	134	60	133

Surrogate Legend

- NBZ = Nitrobenzene-d5 (Surr)
- PHL = Phenol-d5 (Surr)
- TPHL = Terphenyl-d14 (Surr)
- TBP = 2,4,6-Tribromophenol (Surr)
- 2FP = 2-Fluorophenol (Surr)
- FBP = 2-Fluorobiphenyl

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (37-150)	FBP (46-139)	2FP (19-80)	NBZ (52-137)	PHL (10-56)	TPHL (22-150)
460-267346-2	B-04-C	86	100	45	97	30	40
460-267346-4	B-05-C	91	105	53	101	37	50
460-267346-6	B-06-C	91	104	52	101	34	48
460-267346-8	B-07-C	86	100	49	99	33	44
460-267346-10	B-08-C	91	103	52	102	34	50
460-267459-2	B-09-C	123	126	57	119	37	77
460-267459-4	B-10-C	114	117	48	108	35	101
460-267459-6	B-11-C	126	129	56	123	36	103
460-267459-8	B-12-C	119	120	47	116	29	116
460-267459-10	B-13-C	141	139	74	140 S1+	50	110
460-267459-12	B-01-C	131	141 S1+	69	129	52	91
LB 460-872159/1-D	Method Blank	90	104	50	99	34	74
LB 460-872277/1-C	Method Blank	128	127	61	122	40	143

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (43-150)	DCBP2 (43-150)	TCX1 (26-137)	TCX2 (26-137)
460-267334-A-1-J MS	Matrix Spike	70	71	77	73
460-267334-A-1-K MSD	Matrix Spike Duplicate	67	64	70	67
460-267346-2	B-04-C	67	65	61	65
460-267346-4	B-05-C	56	54	52	57
460-267346-6	B-06-C	59	55	56	59
460-267346-8	B-07-C	57	55	54	57
460-267346-10	B-08-C	55	53	55	58
460-267459-2	B-09-C	81	78	77	83
460-267459-4	B-10-C	74	73	72	77
460-267459-6	B-11-C	70	67	70	74
460-267459-8	B-12-C	75	71	75	80
460-267459-10	B-13-C	70	65	69	73
460-267459-12	B-01-C	79	73	76	82
LCS 460-871820/2-A	Lab Control Sample	60	61	69	69
LCS 460-871820/3-A	Lab Control Sample Dup	62	64	73	73
MB 460-871820/1-A	Method Blank	75	75	84	86

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (15-121)	DCBP2 (15-121)	TCX1 (17-120)	TCX2 (17-120)
LCS 460-872134/2-A	Lab Control Sample	82	71	78	80
LCS 460-872489/2-A	Lab Control Sample	90	81	75	73
LCSD 460-872134/3-A	Lab Control Sample Dup	82	71	80	82
LCSD 460-872489/3-A	Lab Control Sample Dup	93	88	77	77
MB 460-872134/1-A	Method Blank	106	92	105	109
MB 460-872489/1-A	Method Blank	94	88	72	72

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (15-121)	DCBP2 (15-121)	TCX1 (17-120)	TCX2 (17-120)
460-267346-2	B-04-C	69	59	61	63
460-267346-4	B-05-C	68	67	58	67
460-267346-6	B-06-C	67	61	59	62
460-267346-8	B-07-C	85	61	56	60
460-267346-10	B-08-C	66	54	72	56
460-267459-2	B-09-C	52	47	44	48
460-267459-4	B-10-C	50	44	43	46
460-267459-6	B-11-C	52	45	44	46
460-267459-8	B-12-C	52	46	44	47
460-267459-10	B-13-C	53	45	41	45
460-267459-12	B-01-C	50	44	43	45
LB 460-872159/1-B	Method Blank	65	58	58	63
LB 460-872277/1-D	Method Blank	64	60	49	51

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (42-150)	TCX2 (42-150)
460-267346-2	B-04-C	170 S1+	138	148	121
460-267346-4	B-05-C	119	97	107	86
460-267346-6	B-06-C	135	105	118	93
460-267346-8	B-07-C	154 S1+	123	133	108
460-267346-10	B-08-C	139	114	126	101
460-267384-A-1-G MS	Matrix Spike	105	83	96	75
460-267384-A-1-H MSD	Matrix Spike Duplicate	107	84	98	75
460-267459-2	B-09-C	128	107	121	97
460-267459-4	B-10-C	128	105	120	96
460-267459-6	B-11-C	125	102	118	94
460-267459-8	B-12-C	127	103	118	94

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Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (42-150)	TCX2 (42-150)
460-267459-10	B-13-C	116	94	108	86
460-267459-12	B-01-C	127	103	118	95
LCS 460-871804/2-A	Lab Control Sample	128	108	120	96
LCS 460-872029/2-A	Lab Control Sample	114	96	108	85
LCSD 460-871804/3-A	Lab Control Sample Dup	131	116	123	98
LCSD 460-872029/3-A	Lab Control Sample Dup	117	105	111	88
MB 460-871804/1-A	Method Blank	132	122	121	96
MB 460-872029/1-A	Method Blank	107	92	100	81

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1 (27-150)	DCPAA2 (27-150)
460-267346-2	B-04-C	115	109
460-267346-4	B-05-C	115	98
460-267346-6	B-06-C	135	119
460-267346-8	B-07-C	113	89
460-267346-10	B-08-C	106	96
460-267459-2	B-09-C	91	86
460-267459-4	B-10-C	99	84
460-267459-6	B-11-C	111	99
460-267459-8	B-12-C	110	98
460-267459-10	B-13-C	91	82
460-267459-12	B-01-C	49	39
LCS 460-871907/2-A	Lab Control Sample	97	96
LCS 460-872835/2-A	Lab Control Sample	100	97
LCSD 460-871907/3-A	Lab Control Sample Dup	97	96
LCSD 460-872835/3-A	Lab Control Sample Dup	98	97
MB 460-871907/1-A	Method Blank	93	91
MB 460-872835/1-A	Method Blank	105	110

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1 (10-150)	DCPAA2 (10-150)
LCS 460-872218/2-A	Lab Control Sample	64	62
LCS 460-872599/2-A	Lab Control Sample	93	87
LCSD 460-872218/3-A	Lab Control Sample Dup	64	62
LCSD 460-872599/3-A	Lab Control Sample Dup	79	75
MB 460-872218/1-A	Method Blank	17	17
MB 460-872599/1-A	Method Blank	109	101

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Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)
460-267346-2	B-04-C	16	16
460-267346-4	B-05-C	17	17
460-267346-6	B-06-C	19	19
460-267346-8	B-07-C	87	83
460-267346-10	B-08-C	19	19
460-267459-2	B-09-C	66	65
460-267459-4	B-10-C	71	70
460-267459-6	B-11-C	78	75
460-267459-8	B-12-C	111	104
460-267459-10	B-13-C	47	47
460-267459-12	B-01-C	64	65
LB 460-872159/1-C	Method Blank	58	56

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH1 (40-140)	1COD1 (40-140)
460-267346-2	B-04-C	79	85
460-267346-4	B-05-C	80	89
460-267346-6	B-06-C	92	104
460-267346-8	B-07-C	63	67
460-267346-10	B-08-C	108	123
460-267459-2	B-09-C	55	136
460-267459-4	B-10-C	76	268 S1+
460-267459-6	B-11-C	49	57
460-267459-8	B-12-C	63	62
460-267459-10	B-13-C	63	74
460-267459-12	B-01-C	32 S1-	96
LCS 460-871930/2-A	Lab Control Sample	92	145 S1+
LCS 460-872228/2-A	Lab Control Sample	66	112
LCSD 460-871930/3-A	Lab Control Sample Dup	99	160 S1+
MB 460-871930/1-A	Method Blank	82	83
MB 460-872228/1-A	Method Blank	97	106

Surrogate Legend

OTPH = o-Terphenyl

1COD = 1-Chlorooctadecane

QC Sample Results

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-871872/8
Matrix: Water
Analysis Batch: 871872

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloromethane	0.40	U	1.0	0.40	ug/L			10/14/22 08:50	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/14/22 08:50	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/14/22 08:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/14/22 08:50	1
Acetone	4.4	U	5.0	4.4	ug/L			10/14/22 08:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/14/22 08:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/14/22 08:50	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/14/22 08:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			10/14/22 08:50	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/14/22 08:50	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			10/14/22 08:50	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/14/22 08:50	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			10/14/22 08:50	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/14/22 08:50	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/14/22 08:50	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/14/22 08:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/14/22 08:50	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/14/22 08:50	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/14/22 08:50	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/14/22 08:50	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/14/22 08:50	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/14/22 08:50	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/14/22 08:50	1
Benzene	0.20	U	1.0	0.20	ug/L			10/14/22 08:50	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/14/22 08:50	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/14/22 08:50	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/14/22 08:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/14/22 08:50	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/14/22 08:50	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/14/22 08:50	1
Toluene	0.38	U	1.0	0.38	ug/L			10/14/22 08:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/14/22 08:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/14/22 08:50	1
Styrene	0.42	U	1.0	0.42	ug/L			10/14/22 08:50	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/14/22 08:50	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/14/22 08:50	1
Acrolein	2.4	U	4.0	2.4	ug/L			10/14/22 08:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/14/22 08:50	1
TBA	8.3	U	10	8.3	ug/L			10/14/22 08:50	1
Acrylonitrile	1.8	U	2.0	1.8	ug/L			10/14/22 08:50	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/14/22 08:50	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/14/22 08:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/14/22 08:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/14/22 08:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/14/22 08:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/14/22 08:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/14/22 08:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/14/22 08:50	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-871872/8
Matrix: Water
Analysis Batch: 871872

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	28	U	50	28	ug/L			10/14/22 08:50	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/14/22 08:50	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/14/22 08:50	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/14/22 08:50	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/14/22 08:50	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/14/22 08:50	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/14/22 08:50	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/14/22 08:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 128		10/14/22 08:50	1
Toluene-d8 (Surr)	101		80 - 120		10/14/22 08:50	1
4-Bromofluorobenzene	112		76 - 120		10/14/22 08:50	1
Dibromofluoromethane (Surr)	111		77 - 124		10/14/22 08:50	1

Lab Sample ID: LCS 460-871872/3
Matrix: Water
Analysis Batch: 871872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	17.8		ug/L		89	43 - 150
Bromomethane	20.0	31.1	*+	ug/L		156	32 - 150
Chloroethane	20.0	23.1		ug/L		116	42 - 150
Methylene Chloride	20.0	16.7		ug/L		83	74 - 127
Acetone	100	87.6		ug/L		88	61 - 134
Carbon disulfide	20.0	17.8		ug/L		89	64 - 138
Trichlorofluoromethane	20.0	19.5		ug/L		97	50 - 150
1,1-Dichloroethene	20.0	19.2		ug/L		96	68 - 133
1,1-Dichloroethane	20.0	16.9		ug/L		84	73 - 130
trans-1,2-Dichloroethene	20.0	18.5		ug/L		92	74 - 126
cis-1,2-Dichloroethene	20.0	18.4		ug/L		92	78 - 121
Chloroform	20.0	19.0		ug/L		95	78 - 125
Vinyl chloride	20.0	25.6		ug/L		128	55 - 144
1,2-Dichloroethane	20.0	18.7		ug/L		94	66 - 129
2-Butanone (MEK)	100	111		ug/L		111	61 - 128
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	68 - 128
Carbon tetrachloride	20.0	20.5		ug/L		103	61 - 131
Dichlorobromomethane	20.0	19.1		ug/L		95	76 - 121
1,2-Dichloropropane	20.0	17.0		ug/L		85	68 - 128
cis-1,3-Dichloropropene	20.0	18.3		ug/L		92	74 - 125
Trichloroethene	20.0	18.7		ug/L		94	71 - 121
Chlorodibromomethane	20.0	20.0		ug/L		100	62 - 130
1,1,2-Trichloroethane	20.0	18.4		ug/L		92	74 - 125
Benzene	20.0	18.6		ug/L		93	71 - 126
trans-1,3-Dichloropropene	20.0	19.5		ug/L		97	66 - 127
Bromoform	20.0	22.0		ug/L		110	48 - 144

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-871872/3

Matrix: Water

Analysis Batch: 871872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	100	97.9		ug/L		98	69 - 128
2-Hexanone	100	97.5		ug/L		97	61 - 134
Tetrachloroethene	20.0	19.7		ug/L		99	70 - 127
1,1,2,2-Tetrachloroethane	20.0	17.5		ug/L		87	63 - 139
Toluene	20.0	17.8		ug/L		89	78 - 120
Chlorobenzene	20.0	18.7		ug/L		93	80 - 120
Ethylbenzene	20.0	20.2		ug/L		101	78 - 120
Styrene	20.0	20.0		ug/L		100	75 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		99	78 - 120
o-Xylene	20.0	20.0		ug/L		100	78 - 120
Acrolein	40.0	35.1		ug/L		88	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	15.5		ug/L		77	51 - 142
TBA	200	190		ug/L		95	67 - 126
Acrylonitrile	200	180		ug/L		90	57 - 146
Methyl tert-butyl ether	20.0	19.9		ug/L		99	72 - 131
Cyclohexane	20.0	16.0		ug/L		80	60 - 133
Ethylene Dibromide	20.0	19.4		ug/L		97	79 - 126
1,3-Dichlorobenzene	20.0	18.0		ug/L		90	80 - 120
1,4-Dichlorobenzene	20.0	18.7		ug/L		94	80 - 120
1,2-Dichlorobenzene	20.0	18.3		ug/L		91	80 - 120
Dichlorodifluoromethane	20.0	15.8		ug/L		79	33 - 150
1,2,4-Trichlorobenzene	20.0	20.8		ug/L		104	67 - 132
1,4-Dioxane	400	408		ug/L		102	62 - 142
1,2,3-Trichlorobenzene	20.0	20.3		ug/L		101	56 - 144
1,2-Dibromo-3-Chloropropane	20.0	21.3		ug/L		106	58 - 132
Chlorobromomethane	20.0	19.7		ug/L		98	67 - 126
Isopropylbenzene	20.0	19.9		ug/L		100	79 - 125
Methyl acetate	40.0	32.6		ug/L		81	55 - 146
Methylcyclohexane	20.0	15.3		ug/L		76	54 - 139

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 128
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene	113		76 - 120
Dibromofluoromethane (Surr)	104		77 - 124

Lab Sample ID: 460-266860-D-4 MS

Matrix: Water

Analysis Batch: 871872

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.40	U	20.0	18.1		ug/L		90	43 - 150
Bromomethane	0.55	U *+ F1	20.0	24.8		ug/L		124	32 - 150
Chloroethane	0.32	U	20.0	24.1		ug/L		120	42 - 150
Methylene Chloride	0.32	U	20.0	17.0		ug/L		85	74 - 127
Acetone	4.4	U	100	89.5		ug/L		90	61 - 134
Carbon disulfide	0.82	U	20.0	17.7		ug/L		89	64 - 138
Trichlorofluoromethane	0.32	U	20.0	19.8		ug/L		99	50 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-266860-D-4 MS

Matrix: Water

Analysis Batch: 871872

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1-Dichloroethene	0.26	U	20.0	18.3		ug/L		92	68 - 133
1,1-Dichloroethane	0.26	U	20.0	17.3		ug/L		86	73 - 130
trans-1,2-Dichloroethene	0.24	U	20.0	18.3		ug/L		92	74 - 126
cis-1,2-Dichloroethene	0.85	J	20.0	18.9		ug/L		90	78 - 121
Chloroform	0.33	U	20.0	19.2		ug/L		96	78 - 125
Vinyl chloride	0.17	U	20.0	25.6		ug/L		128	55 - 144
1,2-Dichloroethane	0.43	U	20.0	18.8		ug/L		94	66 - 129
2-Butanone (MEK)	1.9	U	100	103		ug/L		103	61 - 128
1,1,1-Trichloroethane	0.24	U	20.0	19.4		ug/L		97	68 - 128
Carbon tetrachloride	0.21	U	20.0	19.7		ug/L		99	61 - 131
Dichlorobromomethane	0.34	U	20.0	18.7		ug/L		94	76 - 121
1,2-Dichloropropane	0.35	U	20.0	17.8		ug/L		89	68 - 128
cis-1,3-Dichloropropene	0.22	U	20.0	18.0		ug/L		90	74 - 125
Trichloroethene	0.95	J	20.0	19.1		ug/L		91	71 - 121
Chlorodibromomethane	0.28	U	20.0	20.9		ug/L		104	62 - 130
1,1,2-Trichloroethane	0.20	U	20.0	18.6		ug/L		93	74 - 125
Benzene	0.20	U	20.0	19.3		ug/L		97	71 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	19.0		ug/L		95	66 - 127
Bromoform	0.54	U	20.0	21.2		ug/L		106	48 - 144
4-Methyl-2-pentanone (MIBK)	1.3	U	100	96.1		ug/L		96	69 - 128
2-Hexanone	1.1	U	100	92.5		ug/L		93	61 - 134
Tetrachloroethene	0.25	U	20.0	20.1		ug/L		101	70 - 127
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.7		ug/L		89	63 - 139
Toluene	0.38	U	20.0	18.2		ug/L		91	78 - 120
Chlorobenzene	0.38	U	20.0	18.7		ug/L		93	80 - 120
Ethylbenzene	0.30	U	20.0	19.9		ug/L		100	78 - 120
Styrene	0.42	U	20.0	20.1		ug/L		101	75 - 127
m-Xylene & p-Xylene	0.30	U	20.0	20.0		ug/L		100	78 - 120
o-Xylene	0.36	U	20.0	20.8		ug/L		104	78 - 120
Acrolein	2.4	U	40.0	35.0		ug/L		88	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	10.9		ug/L		55	51 - 142
TBA	8.3	U	200	191		ug/L		96	67 - 126
Acrylonitrile	1.8	U	200	185		ug/L		93	57 - 146
Methyl tert-butyl ether	0.22	U	20.0	20.2		ug/L		101	72 - 131
Cyclohexane	0.32	U	20.0	13.0		ug/L		65	60 - 133
Ethylene Dibromide	0.50	U	20.0	19.5		ug/L		97	79 - 126
1,3-Dichlorobenzene	0.34	U	20.0	19.0		ug/L		95	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	18.6		ug/L		93	80 - 120
1,2-Dichlorobenzene	0.21	U	20.0	19.1		ug/L		96	80 - 120
Dichlorodifluoromethane	0.31	U	20.0	16.6		ug/L		83	33 - 150
1,2,4-Trichlorobenzene	0.37	U	20.0	19.6		ug/L		98	67 - 132
1,4-Dioxane	28	U	400	375		ug/L		94	62 - 142
1,2,3-Trichlorobenzene	0.36	U	20.0	18.7		ug/L		93	56 - 144
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.8		ug/L		94	58 - 132
Chlorobromomethane	0.41	U	20.0	19.9		ug/L		100	67 - 126
Isopropylbenzene	0.34	U	20.0	20.2		ug/L		101	79 - 125
Methyl acetate	0.79	U	40.0	32.0		ug/L		80	55 - 146
Methylcyclohexane	0.71	U	20.0	11.0		ug/L		55	54 - 139

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 128
Toluene-d8 (Surr)	102		80 - 120
4-Bromofluorobenzene	110		76 - 120
Dibromofluoromethane (Surr)	104		77 - 124

Lab Sample ID: 460-266860-D-4 MSD
Matrix: Water
Analysis Batch: 871872

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Chloromethane	0.40	U	20.0	19.0		ug/L		95	43 - 150	5	30
Bromomethane	0.55	U *+ F1	20.0	30.7	F1	ug/L		153	32 - 150	21	30
Chloroethane	0.32	U	20.0	24.3		ug/L		121	42 - 150	1	30
Methylene Chloride	0.32	U	20.0	17.5		ug/L		87	74 - 127	3	30
Acetone	4.4	U	100	94.4		ug/L		94	61 - 134	5	30
Carbon disulfide	0.82	U	20.0	18.1		ug/L		90	64 - 138	2	30
Trichlorofluoromethane	0.32	U	20.0	20.4		ug/L		102	50 - 150	3	30
1,1-Dichloroethene	0.26	U	20.0	19.4		ug/L		97	68 - 133	6	30
1,1-Dichloroethane	0.26	U	20.0	18.1		ug/L		90	73 - 130	4	30
trans-1,2-Dichloroethene	0.24	U	20.0	19.0		ug/L		95	74 - 126	3	30
cis-1,2-Dichloroethene	0.85	J	20.0	19.2		ug/L		92	78 - 121	1	30
Chloroform	0.33	U	20.0	19.5		ug/L		97	78 - 125	2	30
Vinyl chloride	0.17	U	20.0	26.5		ug/L		132	55 - 144	3	30
1,2-Dichloroethane	0.43	U	20.0	19.1		ug/L		96	66 - 129	2	30
2-Butanone (MEK)	1.9	U	100	111		ug/L		111	61 - 128	8	30
1,1,1-Trichloroethane	0.24	U	20.0	19.7		ug/L		98	68 - 128	2	30
Carbon tetrachloride	0.21	U	20.0	19.8		ug/L		99	61 - 131	0	30
Dichlorobromomethane	0.34	U	20.0	19.4		ug/L		97	76 - 121	3	30
1,2-Dichloropropane	0.35	U	20.0	17.9		ug/L		90	68 - 128	1	30
cis-1,3-Dichloropropene	0.22	U	20.0	18.4		ug/L		92	74 - 125	2	30
Trichloroethene	0.95	J	20.0	19.6		ug/L		93	71 - 121	2	30
Chlorodibromomethane	0.28	U	20.0	21.3		ug/L		107	62 - 130	2	30
1,1,2-Trichloroethane	0.20	U	20.0	19.0		ug/L		95	74 - 125	2	30
Benzene	0.20	U	20.0	19.0		ug/L		95	71 - 126	2	30
trans-1,3-Dichloropropene	0.22	U	20.0	19.3		ug/L		96	66 - 127	2	30
Bromoform	0.54	U	20.0	21.8		ug/L		109	48 - 144	3	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	95.7		ug/L		96	69 - 128	0	30
2-Hexanone	1.1	U	100	94.7		ug/L		95	61 - 134	2	30
Tetrachloroethene	0.25	U	20.0	20.1		ug/L		100	70 - 127	0	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.9		ug/L		90	63 - 139	1	30
Toluene	0.38	U	20.0	18.4		ug/L		92	78 - 120	1	30
Chlorobenzene	0.38	U	20.0	19.2		ug/L		96	80 - 120	3	30
Ethylbenzene	0.30	U	20.0	21.1		ug/L		105	78 - 120	6	30
Styrene	0.42	U	20.0	20.5		ug/L		102	75 - 127	2	30
m-Xylene & p-Xylene	0.30	U	20.0	20.5		ug/L		103	78 - 120	3	30
o-Xylene	0.36	U	20.0	21.2		ug/L		106	78 - 120	2	30
Acrolein	2.4	U	40.0	34.1		ug/L		85	10 - 150	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	11.6		ug/L		58	51 - 142	6	30
TBA	8.3	U	200	198		ug/L		99	67 - 126	4	30
Acrylonitrile	1.8	U	200	199		ug/L		100	57 - 146	7	30
Methyl tert-butyl ether	0.22	U	20.0	21.3		ug/L		107	72 - 131	6	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-266860-D-4 MSD

Matrix: Water

Analysis Batch: 871872

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		
Cyclohexane	0.32	U	20.0	13.1		ug/L		66	60 - 133	1	30
Ethylene Dibromide	0.50	U	20.0	19.5		ug/L		98	79 - 126	0	30
1,3-Dichlorobenzene	0.34	U	20.0	19.6		ug/L		98	80 - 120	3	30
1,4-Dichlorobenzene	0.33	U	20.0	19.4		ug/L		97	80 - 120	4	30
1,2-Dichlorobenzene	0.21	U	20.0	19.5		ug/L		98	80 - 120	2	30
Dichlorodifluoromethane	0.31	U	20.0	16.8		ug/L		84	33 - 150	1	30
1,2,4-Trichlorobenzene	0.37	U	20.0	22.0		ug/L		110	67 - 132	11	30
1,4-Dioxane	28	U	400	412		ug/L		103	62 - 142	9	30
1,2,3-Trichlorobenzene	0.36	U	20.0	21.1		ug/L		106	56 - 144	12	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	21.4		ug/L		107	58 - 132	13	30
Chlorobromomethane	0.41	U	20.0	20.1		ug/L		101	67 - 126	1	30
Isopropylbenzene	0.34	U	20.0	21.1		ug/L		105	79 - 125	4	30
Methyl acetate	0.79	U	40.0	33.9		ug/L		85	55 - 146	6	30
Methylcyclohexane	0.71	U	20.0	10.9		ug/L		55	54 - 139	1	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	106		70 - 128
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene	114		76 - 120
Dibromofluoromethane (Surr)	102		77 - 124

Lab Sample ID: MB 460-872321/8

Matrix: Solid

Analysis Batch: 872321

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	0.00026	U	0.0010	0.00026	mg/L			10/17/22 09:16	1
Chloroform	0.00033	U	0.0010	0.00033	mg/L			10/17/22 09:16	1
Vinyl chloride	0.00017	U	0.0010	0.00017	mg/L			10/17/22 09:16	1
1,2-Dichloroethane	0.00043	U	0.0010	0.00043	mg/L			10/17/22 09:16	1
2-Butanone (MEK)	0.0019	U	0.0050	0.0019	mg/L			10/17/22 09:16	1
Carbon tetrachloride	0.00021	U	0.0010	0.00021	mg/L			10/17/22 09:16	1
Trichloroethene	0.00031	U	0.0010	0.00031	mg/L			10/17/22 09:16	1
Benzene	0.00020	U	0.0010	0.00020	mg/L			10/17/22 09:16	1
Tetrachloroethene	0.00025	U	0.0010	0.00025	mg/L			10/17/22 09:16	1
Chlorobenzene	0.00038	U	0.0010	0.00038	mg/L			10/17/22 09:16	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	120		70 - 128		10/17/22 09:16	1
Toluene-d8 (Surr)	101		80 - 120		10/17/22 09:16	1
4-Bromofluorobenzene	97		76 - 120		10/17/22 09:16	1
Dibromofluoromethane (Surr)	118		77 - 124		10/17/22 09:16	1

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872321/3
Matrix: Solid
Analysis Batch: 872321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.0200	0.0189		mg/L		95	68 - 133
Chloroform	0.0200	0.0204		mg/L		102	78 - 125
Vinyl chloride	0.0200	0.0197		mg/L		99	55 - 144
1,2-Dichloroethane	0.0200	0.0204		mg/L		102	66 - 129
2-Butanone (MEK)	0.100	0.0866		mg/L		87	61 - 128
Carbon tetrachloride	0.0200	0.0201		mg/L		100	61 - 131
Trichloroethene	0.0200	0.0178		mg/L		89	71 - 121
Benzene	0.0200	0.0227		mg/L		113	71 - 126
Tetrachloroethene	0.0200	0.0191		mg/L		96	70 - 127
Chlorobenzene	0.0200	0.0188		mg/L		94	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 128
Toluene-d8 (Surr)	104		80 - 120
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	102		77 - 124

Lab Sample ID: LCSD 460-872321/6
Matrix: Solid
Analysis Batch: 872321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	0.0200	0.0197		mg/L		99	68 - 133	4	30
Chloroform	0.0200	0.0206		mg/L		103	78 - 125	1	30
Vinyl chloride	0.0200	0.0207		mg/L		103	55 - 144	5	30
1,2-Dichloroethane	0.0200	0.0207		mg/L		103	66 - 129	1	30
2-Butanone (MEK)	0.100	0.0827		mg/L		83	61 - 128	5	30
Carbon tetrachloride	0.0200	0.0209		mg/L		104	61 - 131	4	30
Trichloroethene	0.0200	0.0187		mg/L		94	71 - 121	5	30
Benzene	0.0200	0.0223		mg/L		112	71 - 126	2	30
Tetrachloroethene	0.0200	0.0192		mg/L		96	70 - 127	0	30
Chlorobenzene	0.0200	0.0194		mg/L		97	80 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 128
Toluene-d8 (Surr)	91		80 - 120
4-Bromofluorobenzene	88		76 - 120
Dibromofluoromethane (Surr)	92		77 - 124

Lab Sample ID: MB 460-872325/9
Matrix: Solid
Analysis Batch: 872325

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00026	U	0.0010	0.00026	mg/L			10/17/22 12:04	1
Chloroform	0.00033	U	0.0010	0.00033	mg/L			10/17/22 12:04	1
Vinyl chloride	0.00017	U	0.0010	0.00017	mg/L			10/17/22 12:04	1
1,2-Dichloroethane	0.00043	U	0.0010	0.00043	mg/L			10/17/22 12:04	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872325/9
Matrix: Solid
Analysis Batch: 872325

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Butanone (MEK)	0.0019	U	0.0050	0.0019	mg/L			10/17/22 12:04	1
Carbon tetrachloride	0.00021	U	0.0010	0.00021	mg/L			10/17/22 12:04	1
Trichloroethene	0.00031	U	0.0010	0.00031	mg/L			10/17/22 12:04	1
Benzene	0.00020	U	0.0010	0.00020	mg/L			10/17/22 12:04	1
Tetrachloroethene	0.00025	U	0.0010	0.00025	mg/L			10/17/22 12:04	1
Chlorobenzene	0.00038	U	0.0010	0.00038	mg/L			10/17/22 12:04	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	116		70 - 128		10/17/22 12:04	1
Toluene-d8 (Surr)	106		80 - 120		10/17/22 12:04	1
4-Bromofluorobenzene	104		76 - 120		10/17/22 12:04	1
Dibromofluoromethane (Surr)	105		77 - 124		10/17/22 12:04	1

Lab Sample ID: LCS 460-872325/4
Matrix: Solid
Analysis Batch: 872325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1-Dichloroethene	0.0200	0.0211		mg/L		106	68 - 133
Chloroform	0.0200	0.0215		mg/L		107	78 - 125
Vinyl chloride	0.0200	0.0181		mg/L		91	55 - 144
1,2-Dichloroethane	0.0200	0.0227		mg/L		113	66 - 129
2-Butanone (MEK)	0.100	0.0987		mg/L		99	61 - 128
Carbon tetrachloride	0.0200	0.0200		mg/L		100	61 - 131
Trichloroethene	0.0200	0.0188		mg/L		94	71 - 121
Benzene	0.0200	0.0219		mg/L		110	71 - 126
Tetrachloroethene	0.0200	0.0189		mg/L		95	70 - 127
Chlorobenzene	0.0200	0.0203		mg/L		102	80 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	114		70 - 128
Toluene-d8 (Surr)	106		80 - 120
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	104		77 - 124

Lab Sample ID: LCSD 460-872325/5
Matrix: Solid
Analysis Batch: 872325

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
1,1-Dichloroethene	0.0200	0.0215		mg/L		107	68 - 133	2	30
Chloroform	0.0200	0.0212		mg/L		106	78 - 125	1	30
Vinyl chloride	0.0200	0.0193		mg/L		96	55 - 144	6	30
1,2-Dichloroethane	0.0200	0.0222		mg/L		111	66 - 129	2	30
2-Butanone (MEK)	0.100	0.0955		mg/L		96	61 - 128	3	30
Carbon tetrachloride	0.0200	0.0204		mg/L		102	61 - 131	2	30
Trichloroethene	0.0200	0.0187		mg/L		93	71 - 121	1	30
Benzene	0.0200	0.0221		mg/L		111	71 - 126	1	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872325/5
Matrix: Solid
Analysis Batch: 872325

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	0.0200	0.0197		mg/L		98	70 - 127	4	30
Chlorobenzene	0.0200	0.0210		mg/L		105	80 - 120	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 128
Toluene-d8 (Surr)	108		80 - 120
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: MB 460-872434/31
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			10/17/22 21:54	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			10/17/22 21:54	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			10/17/22 21:54	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			10/17/22 21:54	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			10/17/22 21:54	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			10/17/22 21:54	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			10/17/22 21:54	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			10/17/22 21:54	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/17/22 21:54	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			10/17/22 21:54	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			10/17/22 21:54	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			10/17/22 21:54	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			10/17/22 21:54	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/17/22 21:54	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			10/17/22 21:54	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			10/17/22 21:54	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			10/17/22 21:54	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			10/17/22 21:54	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			10/17/22 21:54	1
cis-1,3-Dichloropropane	0.00027	U	0.0010	0.00027	mg/Kg			10/17/22 21:54	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			10/17/22 21:54	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			10/17/22 21:54	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			10/17/22 21:54	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			10/17/22 21:54	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/17/22 21:54	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			10/17/22 21:54	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			10/17/22 21:54	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			10/17/22 21:54	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			10/17/22 21:54	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/17/22 21:54	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			10/17/22 21:54	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/17/22 21:54	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			10/17/22 21:54	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			10/17/22 21:54	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872434/31
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			10/17/22 21:54	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			10/17/22 21:54	1
Acrolein	0.028	U	0.10	0.028	mg/Kg			10/17/22 21:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/17/22 21:54	1
TBA	0.0078	U	0.010	0.0078	mg/Kg			10/17/22 21:54	1
Acrylonitrile	0.0049	U	0.010	0.0049	mg/Kg			10/17/22 21:54	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			10/17/22 21:54	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			10/17/22 21:54	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			10/17/22 21:54	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			10/17/22 21:54	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			10/17/22 21:54	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/17/22 21:54	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			10/17/22 21:54	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/17/22 21:54	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg			10/17/22 21:54	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/17/22 21:54	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			10/17/22 21:54	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			10/17/22 21:54	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			10/17/22 21:54	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			10/17/22 21:54	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			10/17/22 21:54	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg					10/17/22 21:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		72 - 145		10/17/22 21:54	1
Toluene-d8 (Surr)	105		80 - 120		10/17/22 21:54	1
4-Bromofluorobenzene	104		75 - 139		10/17/22 21:54	1
Dibromofluoromethane (Surr)	111		73 - 139		10/17/22 21:54	1

Lab Sample ID: LCS 460-872434/3
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0186		mg/Kg		93	63 - 130
Bromomethane	0.0200	0.0163		mg/Kg		82	64 - 150
Chloroethane	0.0200	0.0187		mg/Kg		93	68 - 132
Methylene Chloride	0.0200	0.0195		mg/Kg		97	76 - 120
Acetone	0.100	0.0903		mg/Kg		90	63 - 131
Carbon disulfide	0.0200	0.0200		mg/Kg		100	76 - 120
Trichlorofluoromethane	0.0200	0.0193		mg/Kg		96	76 - 142
1,1-Dichloroethene	0.0200	0.0202		mg/Kg		101	70 - 132
1,1-Dichloroethane	0.0200	0.0192		mg/Kg		96	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	78 - 120
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 123
Chloroform	0.0200	0.0187		mg/Kg		94	79 - 126

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872434/3

Matrix: Solid

Analysis Batch: 872434

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	0.0200	0.0199		mg/Kg		99	72 - 131
1,2-Dichloroethane	0.0200	0.0187		mg/Kg		93	75 - 123
2-Butanone (MEK)	0.100	0.0887		mg/Kg		89	75 - 120
1,1,1-Trichloroethane	0.0200	0.0196		mg/Kg		98	78 - 120
Carbon tetrachloride	0.0200	0.0200		mg/Kg		100	77 - 121
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	73 - 124
1,2-Dichloropropane	0.0200	0.0196		mg/Kg		98	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	80 - 120
Trichloroethene	0.0200	0.0201		mg/Kg		100	79 - 120
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	80 - 120
1,1,2-Trichloroethane	0.0200	0.0187		mg/Kg		93	80 - 120
Benzene	0.0200	0.0193		mg/Kg		96	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	80 - 120
Bromoform	0.0200	0.0184		mg/Kg		92	70 - 125
4-Methyl-2-pentanone (MIBK)	0.100	0.0884		mg/Kg		88	80 - 122
2-Hexanone	0.100	0.0876		mg/Kg		88	70 - 128
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0171		mg/Kg		85	66 - 123
Toluene	0.0200	0.0187		mg/Kg		93	80 - 120
Chlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Ethylbenzene	0.0200	0.0183		mg/Kg		91	76 - 120
Styrene	0.0200	0.0187		mg/Kg		93	80 - 120
m-Xylene & p-Xylene	0.0200	0.0189		mg/Kg		94	80 - 120
o-Xylene	0.0200	0.0181		mg/Kg		91	80 - 120
Acrolein	0.300	0.310		mg/Kg		103	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0207		mg/Kg		103	75 - 141
TBA	0.200	0.181		mg/Kg		90	80 - 120
Acrylonitrile	0.200	0.166		mg/Kg		83	66 - 134
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		99	80 - 125
Cyclohexane	0.0200	0.0201		mg/Kg		101	70 - 132
Ethylene Dibromide	0.0200	0.0201		mg/Kg		101	79 - 120
1,3-Dichlorobenzene	0.0200	0.0167		mg/Kg		83	80 - 120
1,4-Dichlorobenzene	0.0200	0.0168		mg/Kg		84	80 - 120
1,2-Dichlorobenzene	0.0200	0.0174		mg/Kg		87	80 - 120
Dichlorodifluoromethane	0.0200	0.0172		mg/Kg		86	62 - 150
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	68 - 150
1,4-Dioxane	0.400	0.281	*	mg/Kg		70	80 - 136
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	44 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		94	60 - 124
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127
Isopropylbenzene	0.0200	0.0185		mg/Kg		92	80 - 120
Methyl acetate	0.0400	0.0376		mg/Kg		94	58 - 143
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		72 - 145
Toluene-d8 (Surr)	102		80 - 120

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872434/3
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	98		75 - 139
Dibromofluoromethane (Surr)	105		73 - 139

Lab Sample ID: LCSD 460-872434/4
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0205		mg/Kg		102	63 - 130	10	30
Bromomethane	0.0200	0.0178		mg/Kg		89	64 - 150	8	30
Chloroethane	0.0200	0.0207		mg/Kg		103	68 - 132	10	30
Methylene Chloride	0.0200	0.0197		mg/Kg		99	76 - 120	1	30
Acetone	0.100	0.0848		mg/Kg		85	63 - 131	6	30
Carbon disulfide	0.0200	0.0208		mg/Kg		104	76 - 120	4	30
Trichlorofluoromethane	0.0200	0.0217		mg/Kg		108	76 - 142	12	30
1,1-Dichloroethene	0.0200	0.0212		mg/Kg		106	70 - 132	5	30
1,1-Dichloroethane	0.0200	0.0198		mg/Kg		99	77 - 129	3	30
trans-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		101	78 - 120	5	30
cis-1,2-Dichloroethene	0.0200	0.0197		mg/Kg		98	80 - 123	2	30
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126	2	30
Vinyl chloride	0.0200	0.0224		mg/Kg		112	72 - 131	12	30
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	75 - 123	2	30
2-Butanone (MEK)	0.100	0.0846		mg/Kg		85	75 - 120	5	30
1,1,1-Trichloroethane	0.0200	0.0202		mg/Kg		101	78 - 120	3	30
Carbon tetrachloride	0.0200	0.0207		mg/Kg		103	77 - 121	4	30
Dichlorobromomethane	0.0200	0.0192		mg/Kg		96	73 - 124	1	30
1,2-Dichloropropane	0.0200	0.0198		mg/Kg		99	73 - 124	1	30
cis-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		97	80 - 120	1	30
Trichloroethene	0.0200	0.0205		mg/Kg		102	79 - 120	2	30
Chlorodibromomethane	0.0200	0.0189		mg/Kg		95	80 - 120	1	30
1,1,2-Trichloroethane	0.0200	0.0186		mg/Kg		93	80 - 120	1	30
Benzene	0.0200	0.0191		mg/Kg		96	80 - 123	1	30
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
Bromoform	0.0200	0.0186		mg/Kg		93	70 - 125	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0851		mg/Kg		85	80 - 122	4	30
2-Hexanone	0.100	0.0861		mg/Kg		86	70 - 128	2	30
Tetrachloroethene	0.0200	0.0196		mg/Kg		98	78 - 123	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	66 - 123	7	30
Toluene	0.0200	0.0189		mg/Kg		95	80 - 120	1	30
Chlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120	1	30
Ethylbenzene	0.0200	0.0185		mg/Kg		93	76 - 120	1	30
Styrene	0.0200	0.0182		mg/Kg		91	80 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120	0	30
o-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120	1	30
Acrolein	0.300	0.328		mg/Kg		109	10 - 150	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0221		mg/Kg		111	75 - 141	7	30
TBA	0.200	0.171		mg/Kg		85	80 - 120	6	30
Acrylonitrile	0.200	0.160		mg/Kg		80	66 - 134	4	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872434/4
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether	0.0200	0.0200		mg/Kg		100	80 - 125	2	30
Cyclohexane	0.0200	0.0215		mg/Kg		108	70 - 132	7	30
Ethylene Dibromide	0.0200	0.0202		mg/Kg		101	79 - 120	0	30
1,3-Dichlorobenzene	0.0200	0.0171		mg/Kg		86	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120	2	30
1,2-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	3	30
Dichlorodifluoromethane	0.0200	0.0195		mg/Kg		97	62 - 150	12	30
1,2,4-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	68 - 150	5	30
1,4-Dioxane	0.400	0.278	*-	mg/Kg		70	80 - 136	1	30
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		102	44 - 120	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0199		mg/Kg		100	60 - 124	6	30
Chlorobromomethane	0.0200	0.0197		mg/Kg		99	76 - 127	2	30
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
Methyl acetate	0.0400	0.0406		mg/Kg		101	58 - 143	8	30
Methylcyclohexane	0.0200	0.0220		mg/Kg		110	70 - 133	12	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		72 - 145
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene	97		75 - 139
Dibromofluoromethane (Surr)	101		73 - 139

Lab Sample ID: MB 460-872520/9
Matrix: Solid
Analysis Batch: 872520

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			10/18/22 09:20	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			10/18/22 09:20	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			10/18/22 09:20	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			10/18/22 09:20	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			10/18/22 09:20	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 09:20	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			10/18/22 09:20	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 09:20	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/18/22 09:20	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			10/18/22 09:20	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 09:20	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			10/18/22 09:20	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			10/18/22 09:20	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/18/22 09:20	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			10/18/22 09:20	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 09:20	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			10/18/22 09:20	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			10/18/22 09:20	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			10/18/22 09:20	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 09:20	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			10/18/22 09:20	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872520/9

Matrix: Solid

Analysis Batch: 872520

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			10/18/22 09:20	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 09:20	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			10/18/22 09:20	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 09:20	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			10/18/22 09:20	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			10/18/22 09:20	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			10/18/22 09:20	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			10/18/22 09:20	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/18/22 09:20	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 09:20	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 09:20	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			10/18/22 09:20	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			10/18/22 09:20	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			10/18/22 09:20	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			10/18/22 09:20	1
Acrolein	0.028	U	0.10	0.028	mg/Kg			10/18/22 09:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/18/22 09:20	1
TBA	0.0078	U	0.010	0.0078	mg/Kg			10/18/22 09:20	1
Acrylonitrile	0.0049	U	0.010	0.0049	mg/Kg			10/18/22 09:20	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			10/18/22 09:20	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			10/18/22 09:20	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 09:20	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			10/18/22 09:20	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 09:20	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 09:20	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			10/18/22 09:20	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 09:20	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg			10/18/22 09:20	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 09:20	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			10/18/22 09:20	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			10/18/22 09:20	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			10/18/22 09:20	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			10/18/22 09:20	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			10/18/22 09:20	1

Tentatively Identified Compound	MB	MB	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
	Est. Result	Qualifier							
Tentatively Identified Compound	None		mg/Kg					10/18/22 09:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		72 - 145		10/18/22 09:20	1
Toluene-d8 (Surr)	101		80 - 120		10/18/22 09:20	1
4-Bromofluorobenzene	99		75 - 139		10/18/22 09:20	1
Dibromofluoromethane (Surr)	113		73 - 139		10/18/22 09:20	1

QC Sample Results

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872520/4

Matrix: Solid

Analysis Batch: 872520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0216		mg/Kg		108	63 - 130
Bromomethane	0.0200	0.0191		mg/Kg		95	64 - 150
Chloroethane	0.0200	0.0213		mg/Kg		107	68 - 132
Methylene Chloride	0.0200	0.0203		mg/Kg		101	76 - 120
Acetone	0.100	0.0911		mg/Kg		91	63 - 131
Carbon disulfide	0.0200	0.0207		mg/Kg		103	76 - 120
Trichlorofluoromethane	0.0200	0.0216		mg/Kg		108	76 - 142
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		105	70 - 132
1,1-Dichloroethane	0.0200	0.0202		mg/Kg		101	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		100	78 - 120
cis-1,2-Dichloroethene	0.0200	0.0199		mg/Kg		100	80 - 123
Chloroform	0.0200	0.0196		mg/Kg		98	79 - 126
Vinyl chloride	0.0200	0.0229		mg/Kg		114	72 - 131
1,2-Dichloroethane	0.0200	0.0189		mg/Kg		94	75 - 123
2-Butanone (MEK)	0.100	0.0873		mg/Kg		87	75 - 120
1,1,1-Trichloroethane	0.0200	0.0204		mg/Kg		102	78 - 120
Carbon tetrachloride	0.0200	0.0203		mg/Kg		101	77 - 121
Dichlorobromomethane	0.0200	0.0197		mg/Kg		98	73 - 124
1,2-Dichloropropane	0.0200	0.0210		mg/Kg		105	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	80 - 120
Trichloroethene	0.0200	0.0210		mg/Kg		105	79 - 120
Chlorodibromomethane	0.0200	0.0186		mg/Kg		93	80 - 120
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		92	80 - 120
Benzene	0.0200	0.0193		mg/Kg		97	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		93	80 - 120
Bromoform	0.0200	0.0174		mg/Kg		87	70 - 125
4-Methyl-2-pentanone (MIBK)	0.100	0.0941		mg/Kg		94	80 - 122
2-Hexanone	0.100	0.0925		mg/Kg		93	70 - 128
Tetrachloroethene	0.0200	0.0193		mg/Kg		97	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0170		mg/Kg		85	66 - 123
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120
Chlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
Ethylbenzene	0.0200	0.0182		mg/Kg		91	76 - 120
Styrene	0.0200	0.0185		mg/Kg		92	80 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120
Acrolein	0.300	0.272		mg/Kg		91	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0216		mg/Kg		108	75 - 141
TBA	0.200	0.175		mg/Kg		88	80 - 120
Acrylonitrile	0.200	0.178		mg/Kg		89	66 - 134
Methyl tert-butyl ether	0.0200	0.0201		mg/Kg		100	80 - 125
Cyclohexane	0.0200	0.0212		mg/Kg		106	70 - 132
Ethylene Dibromide	0.0200	0.0195		mg/Kg		98	79 - 120
1,3-Dichlorobenzene	0.0200	0.0174		mg/Kg		87	80 - 120
1,4-Dichlorobenzene	0.0200	0.0170		mg/Kg		85	80 - 120
1,2-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Dichlorodifluoromethane	0.0200	0.0210		mg/Kg		105	62 - 150
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	68 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872520/4
Matrix: Solid
Analysis Batch: 872520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.400	0.297	*-	mg/Kg		74	80 - 136
1,2,3-Trichlorobenzene	0.0200	0.0191		mg/Kg		95	44 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		92	60 - 124
Chlorobromomethane	0.0200	0.0206		mg/Kg		103	76 - 127
Isopropylbenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Methyl acetate	0.0400	0.0392		mg/Kg		98	58 - 143
Methylcyclohexane	0.0200	0.0214		mg/Kg		107	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		72 - 145
Toluene-d8 (Surr)	104		80 - 120
4-Bromofluorobenzene	101		75 - 139
Dibromofluoromethane (Surr)	109		73 - 139

Lab Sample ID: LCSD 460-872520/5
Matrix: Solid
Analysis Batch: 872520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0199		mg/Kg		100	63 - 130	8	30
Bromomethane	0.0200	0.0183		mg/Kg		91	64 - 150	4	30
Chloroethane	0.0200	0.0199		mg/Kg		100	68 - 132	7	30
Methylene Chloride	0.0200	0.0201		mg/Kg		100	76 - 120	1	30
Acetone	0.100	0.0876		mg/Kg		88	63 - 131	4	30
Carbon disulfide	0.0200	0.0201		mg/Kg		100	76 - 120	3	30
Trichlorofluoromethane	0.0200	0.0203		mg/Kg		101	76 - 142	6	30
1,1-Dichloroethene	0.0200	0.0209		mg/Kg		104	70 - 132	1	30
1,1-Dichloroethane	0.0200	0.0197		mg/Kg		98	77 - 129	2	30
trans-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	78 - 120	1	30
cis-1,2-Dichloroethene	0.0200	0.0197		mg/Kg		99	80 - 123	1	30
Chloroform	0.0200	0.0193		mg/Kg		96	79 - 126	2	30
Vinyl chloride	0.0200	0.0215		mg/Kg		108	72 - 131	6	30
1,2-Dichloroethane	0.0200	0.0186		mg/Kg		93	75 - 123	2	30
2-Butanone (MEK)	0.100	0.0884		mg/Kg		88	75 - 120	1	30
1,1,1-Trichloroethane	0.0200	0.0198		mg/Kg		99	78 - 120	3	30
Carbon tetrachloride	0.0200	0.0199		mg/Kg		100	77 - 121	2	30
Dichlorobromomethane	0.0200	0.0191		mg/Kg		95	73 - 124	3	30
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		101	73 - 124	3	30
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	80 - 120	5	30
Trichloroethene	0.0200	0.0202		mg/Kg		101	79 - 120	4	30
Chlorodibromomethane	0.0200	0.0178		mg/Kg		89	80 - 120	4	30
1,1,2-Trichloroethane	0.0200	0.0180		mg/Kg		90	80 - 120	3	30
Benzene	0.0200	0.0185		mg/Kg		92	80 - 123	4	30
trans-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	80 - 120	2	30
Bromoform	0.0200	0.0168		mg/Kg		84	70 - 125	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0887		mg/Kg		89	80 - 122	6	30
2-Hexanone	0.100	0.0888		mg/Kg		89	70 - 128	4	30
Tetrachloroethene	0.0200	0.0187		mg/Kg		94	78 - 123	3	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872520/5
Matrix: Solid
Analysis Batch: 872520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.0200	0.0164		mg/Kg		82	66 - 123	4	30
Toluene	0.0200	0.0181		mg/Kg		91	80 - 120	4	30
Chlorobenzene	0.0200	0.0181		mg/Kg		91	80 - 120	4	30
Ethylbenzene	0.0200	0.0177		mg/Kg		89	76 - 120	3	30
Styrene	0.0200	0.0175		mg/Kg		88	80 - 120	5	30
m-Xylene & p-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120	6	30
o-Xylene	0.0200	0.0175		mg/Kg		87	80 - 120	5	30
Acrolein	0.300	0.264		mg/Kg		88	10 - 150	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0210		mg/Kg		105	75 - 141	3	30
TBA	0.200	0.168		mg/Kg		84	80 - 120	4	30
Acrylonitrile	0.200	0.171		mg/Kg		85	66 - 134	4	30
Methyl tert-butyl ether	0.0200	0.0195		mg/Kg		98	80 - 125	3	30
Cyclohexane	0.0200	0.0204		mg/Kg		102	70 - 132	4	30
Ethylene Dibromide	0.0200	0.0188		mg/Kg		94	79 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0169		mg/Kg		85	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0167		mg/Kg		84	80 - 120	2	30
1,2-Dichlorobenzene	0.0200	0.0174		mg/Kg		87	80 - 120	4	30
Dichlorodifluoromethane	0.0200	0.0195		mg/Kg		98	62 - 150	7	30
1,2,4-Trichlorobenzene	0.0200	0.0181		mg/Kg		91	68 - 150	1	30
1,4-Dioxane	0.400	0.297	*	mg/Kg		74	80 - 136	0	30
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	44 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0164		mg/Kg		82	60 - 124	11	30
Chlorobromomethane	0.0200	0.0196		mg/Kg		98	76 - 127	5	30
Isopropylbenzene	0.0200	0.0183		mg/Kg		92	80 - 120	4	30
Methyl acetate	0.0400	0.0375		mg/Kg		94	58 - 143	4	30
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	70 - 133	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	97		72 - 145
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene	95		75 - 139
Dibromofluoromethane (Surr)	106		73 - 139

Lab Sample ID: MB 460-872525/9
Matrix: Solid
Analysis Batch: 872525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00026	U	0.0010	0.00026	mg/L			10/18/22 12:08	1
Chloroform	0.00033	U	0.0010	0.00033	mg/L			10/18/22 12:08	1
Vinyl chloride	0.00017	U	0.0010	0.00017	mg/L			10/18/22 12:08	1
1,2-Dichloroethane	0.00043	U	0.0010	0.00043	mg/L			10/18/22 12:08	1
2-Butanone (MEK)	0.0019	U	0.0050	0.0019	mg/L			10/18/22 12:08	1
Carbon tetrachloride	0.00021	U	0.0010	0.00021	mg/L			10/18/22 12:08	1
Trichloroethene	0.00031	U	0.0010	0.00031	mg/L			10/18/22 12:08	1
Benzene	0.00020	U	0.0010	0.00020	mg/L			10/18/22 12:08	1
Tetrachloroethene	0.00025	U	0.0010	0.00025	mg/L			10/18/22 12:08	1
Chlorobenzene	0.00038	U	0.0010	0.00038	mg/L			10/18/22 12:08	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		70 - 128		10/18/22 12:08	1
Toluene-d8 (Surr)	108		80 - 120		10/18/22 12:08	1
4-Bromofluorobenzene	103		76 - 120		10/18/22 12:08	1
Dibromofluoromethane (Surr)	107		77 - 124		10/18/22 12:08	1

Lab Sample ID: LCS 460-872525/3
Matrix: Solid
Analysis Batch: 872525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.0200	0.0213		mg/L		106	68 - 133
Chloroform	0.0200	0.0213		mg/L		107	78 - 125
Vinyl chloride	0.0200	0.0189		mg/L		95	55 - 144
1,2-Dichloroethane	0.0200	0.0225		mg/L		113	66 - 129
2-Butanone (MEK)	0.100	0.0921		mg/L		92	61 - 128
Carbon tetrachloride	0.0200	0.0206		mg/L		103	61 - 131
Trichloroethene	0.0200	0.0196		mg/L		98	71 - 121
Benzene	0.0200	0.0219		mg/L		110	71 - 126
Tetrachloroethene	0.0200	0.0184		mg/L		92	70 - 127
Chlorobenzene	0.0200	0.0201		mg/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 128
Toluene-d8 (Surr)	109		80 - 120
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	110		77 - 124

Lab Sample ID: LCSD 460-872525/4
Matrix: Solid
Analysis Batch: 872525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	0.0200	0.0223		mg/L		111	68 - 133	4	30
Chloroform	0.0200	0.0222		mg/L		111	78 - 125	4	30
Vinyl chloride	0.0200	0.0185		mg/L		93	55 - 144	2	30
1,2-Dichloroethane	0.0200	0.0230		mg/L		115	66 - 129	2	30
2-Butanone (MEK)	0.100	0.0927		mg/L		93	61 - 128	1	30
Carbon tetrachloride	0.0200	0.0206		mg/L		103	61 - 131	0	30
Trichloroethene	0.0200	0.0199		mg/L		100	71 - 121	2	30
Benzene	0.0200	0.0217		mg/L		109	71 - 126	1	30
Tetrachloroethene	0.0200	0.0196		mg/L		98	70 - 127	6	30
Chlorobenzene	0.0200	0.0205		mg/L		102	80 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	124		70 - 128
Toluene-d8 (Surr)	108		80 - 120
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	110		77 - 124

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872652/10
Matrix: Solid
Analysis Batch: 872652

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	0.00026	U	0.0010	0.00026	mg/L			10/19/22 01:01	1
Chloroform	0.00033	U	0.0010	0.00033	mg/L			10/19/22 01:01	1
Vinyl chloride	0.00017	U	0.0010	0.00017	mg/L			10/19/22 01:01	1
1,2-Dichloroethane	0.00043	U	0.0010	0.00043	mg/L			10/19/22 01:01	1
2-Butanone (MEK)	0.0019	U	0.0050	0.0019	mg/L			10/19/22 01:01	1
Carbon tetrachloride	0.00021	U	0.0010	0.00021	mg/L			10/19/22 01:01	1
Trichloroethene	0.00031	U	0.0010	0.00031	mg/L			10/19/22 01:01	1
Benzene	0.00020	U	0.0010	0.00020	mg/L			10/19/22 01:01	1
Tetrachloroethene	0.00025	U	0.0010	0.00025	mg/L			10/19/22 01:01	1
Chlorobenzene	0.00038	U	0.0010	0.00038	mg/L			10/19/22 01:01	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	123		70 - 128		10/19/22 01:01	1
Toluene-d8 (Surr)	109		80 - 120		10/19/22 01:01	1
4-Bromofluorobenzene	104		76 - 120		10/19/22 01:01	1
Dibromofluoromethane (Surr)	110		77 - 124		10/19/22 01:01	1

Lab Sample ID: LCS 460-872652/4
Matrix: Solid
Analysis Batch: 872652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1-Dichloroethene	0.0200	0.0194		mg/L		97	68 - 133
Chloroform	0.0200	0.0207		mg/L		103	78 - 125
Vinyl chloride	0.0200	0.0175		mg/L		87	55 - 144
1,2-Dichloroethane	0.0200	0.0228		mg/L		114	66 - 129
2-Butanone (MEK)	0.100	0.0905		mg/L		90	61 - 128
Carbon tetrachloride	0.0200	0.0177		mg/L		89	61 - 131
Trichloroethene	0.0200	0.0184		mg/L		92	71 - 121
Benzene	0.0200	0.0209		mg/L		104	71 - 126
Tetrachloroethene	0.0200	0.0168		mg/L		84	70 - 127
Chlorobenzene	0.0200	0.0194		mg/L		97	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	120		70 - 128
Toluene-d8 (Surr)	108		80 - 120
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	108		77 - 124

Lab Sample ID: LCSD 460-872652/5
Matrix: Solid
Analysis Batch: 872652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
1,1-Dichloroethene	0.0200	0.0202		mg/L		101	68 - 133	4	30
Chloroform	0.0200	0.0216		mg/L		108	78 - 125	4	30
Vinyl chloride	0.0200	0.0176		mg/L		88	55 - 144	1	30
1,2-Dichloroethane	0.0200	0.0224		mg/L		112	66 - 129	1	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872652/5
Matrix: Solid
Analysis Batch: 872652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	0.100	0.0895		mg/L		89	61 - 128	1	30
Carbon tetrachloride	0.0200	0.0183		mg/L		91	61 - 131	3	30
Trichloroethene	0.0200	0.0187		mg/L		94	71 - 121	2	30
Benzene	0.0200	0.0205		mg/L		103	71 - 126	2	30
Tetrachloroethene	0.0200	0.0179		mg/L		89	70 - 127	6	30
Chlorobenzene	0.0200	0.0198		mg/L		99	80 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 128
Toluene-d8 (Surr)	111		80 - 120
4-Bromofluorobenzene	102		76 - 120
Dibromofluoromethane (Surr)	107		77 - 124

Lab Sample ID: MB 460-872654/9
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			10/18/22 21:31	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			10/18/22 21:31	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			10/18/22 21:31	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			10/18/22 21:31	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			10/18/22 21:31	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 21:31	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			10/18/22 21:31	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 21:31	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/18/22 21:31	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			10/18/22 21:31	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 21:31	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			10/18/22 21:31	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			10/18/22 21:31	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/18/22 21:31	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			10/18/22 21:31	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 21:31	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			10/18/22 21:31	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			10/18/22 21:31	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			10/18/22 21:31	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 21:31	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			10/18/22 21:31	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			10/18/22 21:31	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 21:31	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			10/18/22 21:31	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 21:31	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			10/18/22 21:31	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			10/18/22 21:31	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			10/18/22 21:31	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			10/18/22 21:31	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/18/22 21:31	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872654/9
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 21:31	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 21:31	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			10/18/22 21:31	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			10/18/22 21:31	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			10/18/22 21:31	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			10/18/22 21:31	1
Acrolein	0.028	U	0.10	0.028	mg/Kg			10/18/22 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/18/22 21:31	1
TBA	0.0078	U	0.010	0.0078	mg/Kg			10/18/22 21:31	1
Acrylonitrile	0.0049	U	0.010	0.0049	mg/Kg			10/18/22 21:31	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			10/18/22 21:31	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			10/18/22 21:31	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 21:31	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			10/18/22 21:31	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 21:31	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 21:31	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			10/18/22 21:31	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 21:31	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg			10/18/22 21:31	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 21:31	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			10/18/22 21:31	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			10/18/22 21:31	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			10/18/22 21:31	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			10/18/22 21:31	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			10/18/22 21:31	1

Tentatively Identified Compound	MB	MB	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
	Est. Result	Qualifier							
1,1-Difluoroethane	0.0105		mg/Kg		1.26	75-37-6		10/18/22 21:31	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	111		72 - 145		10/18/22 21:31	1
Toluene-d8 (Surr)	102		80 - 120		10/18/22 21:31	1
4-Bromofluorobenzene	102		75 - 139		10/18/22 21:31	1
Dibromofluoromethane (Surr)	120		73 - 139		10/18/22 21:31	1

Lab Sample ID: LCS 460-872654/4
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chloromethane	0.0200	0.0222		mg/Kg		111	63 - 130
Bromomethane	0.0200	0.0192		mg/Kg		96	64 - 150
Chloroethane	0.0200	0.0218		mg/Kg		109	68 - 132
Methylene Chloride	0.0200	0.0225		mg/Kg		113	76 - 120
Acetone	0.100	0.0855		mg/Kg		86	63 - 131
Carbon disulfide	0.0200	0.0229		mg/Kg		114	76 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	76 - 142
1,1-Dichloroethene	0.0200	0.0234		mg/Kg		117	70 - 132

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872654/4

Matrix: Solid

Analysis Batch: 872654

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0221		mg/Kg		111	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0220		mg/Kg		110	78 - 120
cis-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	80 - 123
Chloroform	0.0200	0.0211		mg/Kg		105	79 - 126
Vinyl chloride	0.0200	0.0235		mg/Kg		117	72 - 131
1,2-Dichloroethane	0.0200	0.0208		mg/Kg		104	75 - 123
2-Butanone (MEK)	0.100	0.0836		mg/Kg		84	75 - 120
1,1,1-Trichloroethane	0.0200	0.0218		mg/Kg		109	78 - 120
Carbon tetrachloride	0.0200	0.0218		mg/Kg		109	77 - 121
Dichlorobromomethane	0.0200	0.0208		mg/Kg		104	73 - 124
1,2-Dichloropropane	0.0200	0.0218		mg/Kg		109	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		93	80 - 120
Trichloroethene	0.0200	0.0218		mg/Kg		109	79 - 120
Chlorodibromomethane	0.0200	0.0177		mg/Kg		88	80 - 120
1,1,2-Trichloroethane	0.0200	0.0184		mg/Kg		92	80 - 120
Benzene	0.0200	0.0185		mg/Kg		93	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	80 - 120
Bromoform	0.0200	0.0166		mg/Kg		83	70 - 125
4-Methyl-2-pentanone (MIBK)	0.100	0.0870		mg/Kg		87	80 - 122
2-Hexanone	0.100	0.0870		mg/Kg		87	70 - 128
Tetrachloroethene	0.0200	0.0180		mg/Kg		90	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0175		mg/Kg		87	66 - 123
Toluene	0.0200	0.0187		mg/Kg		94	80 - 120
Chlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120
Ethylbenzene	0.0200	0.0179		mg/Kg		89	76 - 120
Styrene	0.0200	0.0179		mg/Kg		90	80 - 120
m-Xylene & p-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120
o-Xylene	0.0200	0.0178		mg/Kg		89	80 - 120
Acrolein	0.300	0.375		mg/Kg		125	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0239		mg/Kg		119	75 - 141
TBA	0.200	0.156	*-	mg/Kg		78	80 - 120
Acrylonitrile	0.200	0.161		mg/Kg		80	66 - 134
Methyl tert-butyl ether	0.0200	0.0218		mg/Kg		109	80 - 125
Cyclohexane	0.0200	0.0228		mg/Kg		114	70 - 132
Ethylene Dibromide	0.0200	0.0187		mg/Kg		93	79 - 120
1,3-Dichlorobenzene	0.0200	0.0164		mg/Kg		82	80 - 120
1,4-Dichlorobenzene	0.0200	0.0164		mg/Kg		82	80 - 120
1,2-Dichlorobenzene	0.0200	0.0173		mg/Kg		86	80 - 120
Dichlorodifluoromethane	0.0200	0.0223		mg/Kg		112	62 - 150
1,2,4-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	68 - 150
1,4-Dioxane	0.400	0.243	*-	mg/Kg		61	80 - 136
1,2,3-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	44 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0173		mg/Kg		86	60 - 124
Chlorobromomethane	0.0200	0.0220		mg/Kg		110	76 - 127
Isopropylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Methyl acetate	0.0400	0.0448		mg/Kg		112	58 - 143
Methylcyclohexane	0.0200	0.0227		mg/Kg		114	70 - 133

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872654/4
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	112		72 - 145
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene	99		75 - 139
Dibromofluoromethane (Surr)	118		73 - 139

Lab Sample ID: LCSD 460-872654/5
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD
									Limit
Chloromethane	0.0200	0.0189		mg/Kg		95	63 - 130	16	30
Bromomethane	0.0200	0.0169		mg/Kg		84	64 - 150	13	30
Chloroethane	0.0200	0.0190		mg/Kg		95	68 - 132	14	30
Methylene Chloride	0.0200	0.0203		mg/Kg		101	76 - 120	10	30
Acetone	0.100	0.0854		mg/Kg		85	63 - 131	0	30
Carbon disulfide	0.0200	0.0214		mg/Kg		107	76 - 120	7	30
Trichlorofluoromethane	0.0200	0.0192		mg/Kg		96	76 - 142	14	30
1,1-Dichloroethene	0.0200	0.0218		mg/Kg		109	70 - 132	7	30
1,1-Dichloroethane	0.0200	0.0205		mg/Kg		103	77 - 129	8	30
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		102	78 - 120	7	30
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	80 - 123	6	30
Chloroform	0.0200	0.0199		mg/Kg		99	79 - 126	6	30
Vinyl chloride	0.0200	0.0207		mg/Kg		103	72 - 131	13	30
1,2-Dichloroethane	0.0200	0.0194		mg/Kg		97	75 - 123	7	30
2-Butanone (MEK)	0.100	0.0830		mg/Kg		83	75 - 120	1	30
1,1,1-Trichloroethane	0.0200	0.0205		mg/Kg		102	78 - 120	6	30
Carbon tetrachloride	0.0200	0.0207		mg/Kg		104	77 - 121	5	30
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	73 - 124	8	30
1,2-Dichloropropane	0.0200	0.0207		mg/Kg		103	73 - 124	6	30
cis-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	80 - 120	0	30
Trichloroethene	0.0200	0.0208		mg/Kg		104	79 - 120	4	30
Chlorodibromomethane	0.0200	0.0174		mg/Kg		87	80 - 120	1	30
1,1,2-Trichloroethane	0.0200	0.0177		mg/Kg		88	80 - 120	4	30
Benzene	0.0200	0.0185		mg/Kg		92	80 - 123	0	30
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	80 - 120	2	30
Bromoform	0.0200	0.0165		mg/Kg		83	70 - 125	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0852		mg/Kg		85	80 - 122	2	30
2-Hexanone	0.100	0.0834		mg/Kg		83	70 - 128	4	30
Tetrachloroethene	0.0200	0.0185		mg/Kg		93	78 - 123	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0166		mg/Kg		83	66 - 123	5	30
Toluene	0.0200	0.0182		mg/Kg		91	80 - 120	3	30
Chlorobenzene	0.0200	0.0178		mg/Kg		89	80 - 120	2	30
Ethylbenzene	0.0200	0.0176		mg/Kg		88	76 - 120	1	30
Styrene	0.0200	0.0175		mg/Kg		87	80 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0178		mg/Kg		89	80 - 120	3	30
o-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120	3	30
Acrolein	0.300	0.390		mg/Kg		130	10 - 150	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0226		mg/Kg		113	75 - 141	5	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872654/5
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TBA	0.200	0.157	*-	mg/Kg		78	80 - 120	0	30
Acrylonitrile	0.200	0.157		mg/Kg		79	66 - 134	2	30
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	80 - 125	7	30
Cyclohexane	0.0200	0.0221		mg/Kg		111	70 - 132	3	30
Ethylene Dibromide	0.0200	0.0183		mg/Kg		91	79 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0161		mg/Kg		81	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0161		mg/Kg		81	80 - 120	2	30
1,2-Dichlorobenzene	0.0200	0.0169		mg/Kg		84	80 - 120	2	30
Dichlorodifluoromethane	0.0200	0.0193		mg/Kg		97	62 - 150	14	30
1,2,4-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	68 - 150	1	30
1,4-Dioxane	0.400	0.243	*-	mg/Kg		61	80 - 136	0	30
1,2,3-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	44 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0161		mg/Kg		80	60 - 124	7	30
Chlorobromomethane	0.0200	0.0201		mg/Kg		101	76 - 127	9	30
Isopropylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120	2	30
Methyl acetate	0.0400	0.0407		mg/Kg		102	58 - 143	10	30
Methylcyclohexane	0.0200	0.0225		mg/Kg		113	70 - 133	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	106		72 - 145
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene	97		75 - 139
Dibromofluoromethane (Surr)	114		73 - 139

Lab Sample ID: MB 460-872655/9
Matrix: Solid
Analysis Batch: 872655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			10/18/22 20:30	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			10/18/22 20:30	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			10/18/22 20:30	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			10/18/22 20:30	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			10/18/22 20:30	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 20:30	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			10/18/22 20:30	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 20:30	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/18/22 20:30	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			10/18/22 20:30	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 20:30	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			10/18/22 20:30	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			10/18/22 20:30	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/18/22 20:30	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			10/18/22 20:30	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 20:30	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			10/18/22 20:30	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			10/18/22 20:30	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			10/18/22 20:30	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872655/9

Matrix: Solid

Analysis Batch: 872655

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 20:30	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			10/18/22 20:30	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			10/18/22 20:30	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 20:30	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			10/18/22 20:30	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/18/22 20:30	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			10/18/22 20:30	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			10/18/22 20:30	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			10/18/22 20:30	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			10/18/22 20:30	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/18/22 20:30	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 20:30	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 20:30	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			10/18/22 20:30	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			10/18/22 20:30	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			10/18/22 20:30	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			10/18/22 20:30	1
Acrolein	0.028	U	0.10	0.028	mg/Kg			10/18/22 20:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/18/22 20:30	1
TBA	0.0078	U	0.010	0.0078	mg/Kg			10/18/22 20:30	1
Acrylonitrile	0.0049	U	0.010	0.0049	mg/Kg			10/18/22 20:30	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			10/18/22 20:30	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			10/18/22 20:30	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 20:30	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			10/18/22 20:30	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			10/18/22 20:30	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 20:30	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			10/18/22 20:30	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/18/22 20:30	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg			10/18/22 20:30	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/18/22 20:30	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			10/18/22 20:30	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			10/18/22 20:30	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			10/18/22 20:30	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			10/18/22 20:30	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			10/18/22 20:30	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg					10/18/22 20:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		72 - 145		10/18/22 20:30	1
Toluene-d8 (Surr)	96		80 - 120		10/18/22 20:30	1
4-Bromofluorobenzene	96		75 - 139		10/18/22 20:30	1
Dibromofluoromethane (Surr)	108		73 - 139		10/18/22 20:30	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872655/4

Matrix: Solid

Analysis Batch: 872655

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0186		mg/Kg		93	63 - 130
Bromomethane	0.0200	0.0196		mg/Kg		98	64 - 150
Chloroethane	0.0200	0.0217		mg/Kg		109	68 - 132
Methylene Chloride	0.0200	0.0209		mg/Kg		105	76 - 120
Acetone	0.100	0.105		mg/Kg		105	63 - 131
Carbon disulfide	0.0200	0.0233		mg/Kg		117	76 - 120
Trichlorofluoromethane	0.0200	0.0189		mg/Kg		95	76 - 142
1,1-Dichloroethene	0.0200	0.0220		mg/Kg		110	70 - 132
1,1-Dichloroethane	0.0200	0.0229		mg/Kg		114	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0224		mg/Kg		112	78 - 120
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	80 - 123
Chloroform	0.0200	0.0214		mg/Kg		107	79 - 126
Vinyl chloride	0.0200	0.0205		mg/Kg		102	72 - 131
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		98	75 - 123
2-Butanone (MEK)	0.100	0.103		mg/Kg		103	75 - 120
1,1,1-Trichloroethane	0.0200	0.0218		mg/Kg		109	78 - 120
Carbon tetrachloride	0.0200	0.0280	*+	mg/Kg		140	77 - 121
Dichlorobromomethane	0.0200	0.0243		mg/Kg		121	73 - 124
1,2-Dichloropropane	0.0200	0.0221		mg/Kg		111	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0213		mg/Kg		107	80 - 120
Trichloroethene	0.0200	0.0202		mg/Kg		101	79 - 120
Chlorodibromomethane	0.0200	0.0292	*+	mg/Kg		146	80 - 120
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120
Benzene	0.0200	0.0213		mg/Kg		106	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0212		mg/Kg		106	80 - 120
Bromoform	0.0200	0.0299	*+	mg/Kg		149	70 - 125
4-Methyl-2-pentanone (MIBK)	0.100	0.106		mg/Kg		106	80 - 122
2-Hexanone	0.100	0.127		mg/Kg		127	70 - 128
Tetrachloroethene	0.0200	0.0188		mg/Kg		94	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	66 - 123
Toluene	0.0200	0.0199		mg/Kg		99	80 - 120
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Ethylbenzene	0.0200	0.0192		mg/Kg		96	76 - 120
Styrene	0.0200	0.0189		mg/Kg		94	80 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120
o-Xylene	0.0200	0.0189		mg/Kg		94	80 - 120
Acrolein	0.300	0.252		mg/Kg		84	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0227		mg/Kg		114	75 - 141
TBA	0.200	0.191		mg/Kg		96	80 - 120
Acrylonitrile	0.200	0.219		mg/Kg		110	66 - 134
Methyl tert-butyl ether	0.0200	0.0216		mg/Kg		108	80 - 125
Cyclohexane	0.0200	0.0207		mg/Kg		103	70 - 132
Ethylene Dibromide	0.0200	0.0196		mg/Kg		98	79 - 120
1,3-Dichlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120
1,2-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120
Dichlorodifluoromethane	0.0200	0.0206		mg/Kg		103	62 - 150
1,2,4-Trichlorobenzene	0.0200	0.0165		mg/Kg		83	68 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872655/4

Matrix: Solid

Analysis Batch: 872655

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.400	0.423		mg/Kg		106	80 - 136
1,2,3-Trichlorobenzene	0.0200	0.0169		mg/Kg		85	44 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0203		mg/Kg		102	60 - 124
Chlorobromomethane	0.0200	0.0201		mg/Kg		100	76 - 127
Isopropylbenzene	0.0200	0.0178		mg/Kg		89	80 - 120
Methyl acetate	0.0400	0.0359		mg/Kg		90	58 - 143
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		72 - 145
Toluene-d8 (Surr)	97		80 - 120
4-Bromofluorobenzene	94		75 - 139
Dibromofluoromethane (Surr)	105		73 - 139

Lab Sample ID: LCSD 460-872655/5

Matrix: Solid

Analysis Batch: 872655

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0189		mg/Kg		94	63 - 130	2	30
Bromomethane	0.0200	0.0211		mg/Kg		106	64 - 150	8	30
Chloroethane	0.0200	0.0218		mg/Kg		109	68 - 132	0	30
Methylene Chloride	0.0200	0.0215		mg/Kg		107	76 - 120	2	30
Acetone	0.100	0.100		mg/Kg		100	63 - 131	4	30
Carbon disulfide	0.0200	0.0252	*+	mg/Kg		126	76 - 120	8	30
Trichlorofluoromethane	0.0200	0.0207		mg/Kg		103	76 - 142	9	30
1,1-Dichloroethene	0.0200	0.0231		mg/Kg		116	70 - 132	5	30
1,1-Dichloroethane	0.0200	0.0226		mg/Kg		113	77 - 129	1	30
trans-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	78 - 120	4	30
cis-1,2-Dichloroethene	0.0200	0.0217		mg/Kg		108	80 - 123	1	30
Chloroform	0.0200	0.0209		mg/Kg		105	79 - 126	2	30
Vinyl chloride	0.0200	0.0211		mg/Kg		106	72 - 131	3	30
1,2-Dichloroethane	0.0200	0.0196		mg/Kg		98	75 - 123	1	30
2-Butanone (MEK)	0.100	0.0953		mg/Kg		95	75 - 120	7	30
1,1,1-Trichloroethane	0.0200	0.0229		mg/Kg		115	78 - 120	5	30
Carbon tetrachloride	0.0200	0.0280	*+	mg/Kg		140	77 - 121	0	30
Dichlorobromomethane	0.0200	0.0238		mg/Kg		119	73 - 124	2	30
1,2-Dichloropropane	0.0200	0.0219		mg/Kg		109	73 - 124	1	30
cis-1,3-Dichloropropene	0.0200	0.0204		mg/Kg		102	80 - 120	5	30
Trichloroethene	0.0200	0.0201		mg/Kg		101	79 - 120	0	30
Chlorodibromomethane	0.0200	0.0293	*+	mg/Kg		147	80 - 120	1	30
1,1,2-Trichloroethane	0.0200	0.0199		mg/Kg		99	80 - 120	0	30
Benzene	0.0200	0.0206		mg/Kg		103	80 - 123	3	30
trans-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	80 - 120	6	30
Bromoform	0.0200	0.0307	*+	mg/Kg		153	70 - 125	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 122	1	30
2-Hexanone	0.100	0.126		mg/Kg		126	70 - 128	1	30
Tetrachloroethene	0.0200	0.0195		mg/Kg		97	78 - 123	4	30

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872655/5
Matrix: Solid
Analysis Batch: 872655

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.0200	0.0206		mg/Kg		103	66 - 123	2	30
Toluene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
Chlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120	1	30
Ethylbenzene	0.0200	0.0195		mg/Kg		98	76 - 120	2	30
Styrene	0.0200	0.0188		mg/Kg		94	80 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
o-Xylene	0.0200	0.0191		mg/Kg		96	80 - 120	1	30
Acrolein	0.300	0.255		mg/Kg		85	10 - 150	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0215		mg/Kg		108	75 - 141	5	30
TBA	0.200	0.200		mg/Kg		100	80 - 120	4	30
Acrylonitrile	0.200	0.227		mg/Kg		114	66 - 134	4	30
Methyl tert-butyl ether	0.0200	0.0216		mg/Kg		108	80 - 125	0	30
Cyclohexane	0.0200	0.0210		mg/Kg		105	70 - 132	1	30
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120	2	30
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	5	30
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120	2	30
Dichlorodifluoromethane	0.0200	0.0198		mg/Kg		99	62 - 150	4	30
1,2,4-Trichlorobenzene	0.0200	0.0166		mg/Kg		83	68 - 150	1	30
1,4-Dioxane	0.400	0.439		mg/Kg		110	80 - 136	4	30
1,2,3-Trichlorobenzene	0.0200	0.0183		mg/Kg		91	44 - 120	8	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0223		mg/Kg		111	60 - 124	9	30
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127	5	30
Isopropylbenzene	0.0200	0.0189		mg/Kg		94	80 - 120	6	30
Methyl acetate	0.0400	0.0365		mg/Kg		91	58 - 143	2	30
Methylcyclohexane	0.0200	0.0199		mg/Kg		99	70 - 133	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	98		72 - 145
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene	92		75 - 139
Dibromofluoromethane (Surr)	108		73 - 139

Lab Sample ID: MB 460-872776/9
Matrix: Solid
Analysis Batch: 872776

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			10/19/22 10:54	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			10/19/22 10:54	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			10/19/22 10:54	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			10/19/22 10:54	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			10/19/22 10:54	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			10/19/22 10:54	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			10/19/22 10:54	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			10/19/22 10:54	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/19/22 10:54	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			10/19/22 10:54	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872776/9

Matrix: Solid

Analysis Batch: 872776

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			10/19/22 10:54	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			10/19/22 10:54	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			10/19/22 10:54	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/19/22 10:54	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			10/19/22 10:54	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			10/19/22 10:54	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			10/19/22 10:54	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			10/19/22 10:54	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			10/19/22 10:54	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/19/22 10:54	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			10/19/22 10:54	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			10/19/22 10:54	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			10/19/22 10:54	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			10/19/22 10:54	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/19/22 10:54	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			10/19/22 10:54	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			10/19/22 10:54	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			10/19/22 10:54	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			10/19/22 10:54	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/19/22 10:54	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			10/19/22 10:54	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/19/22 10:54	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			10/19/22 10:54	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			10/19/22 10:54	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			10/19/22 10:54	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			10/19/22 10:54	1
Acrolein	0.028	U	0.10	0.028	mg/Kg			10/19/22 10:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/19/22 10:54	1
TBA	0.0078	U	0.010	0.0078	mg/Kg			10/19/22 10:54	1
Acrylonitrile	0.0049	U	0.010	0.0049	mg/Kg			10/19/22 10:54	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			10/19/22 10:54	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			10/19/22 10:54	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			10/19/22 10:54	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			10/19/22 10:54	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			10/19/22 10:54	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/19/22 10:54	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			10/19/22 10:54	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/19/22 10:54	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg			10/19/22 10:54	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/19/22 10:54	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			10/19/22 10:54	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			10/19/22 10:54	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			10/19/22 10:54	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			10/19/22 10:54	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			10/19/22 10:54	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg					10/19/22 10:54	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872776/9
Matrix: Solid
Analysis Batch: 872776

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	105		72 - 145		10/19/22 10:54	1
Toluene-d8 (Surr)	96		80 - 120		10/19/22 10:54	1
4-Bromofluorobenzene	95		75 - 139		10/19/22 10:54	1
Dibromofluoromethane (Surr)	108		73 - 139		10/19/22 10:54	1

Lab Sample ID: LCS 460-872776/4
Matrix: Solid
Analysis Batch: 872776

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0197		mg/Kg		99	63 - 130
Bromomethane	0.0200	0.0200		mg/Kg		100	64 - 150
Chloroethane	0.0200	0.0207		mg/Kg		103	68 - 132
Methylene Chloride	0.0200	0.0208		mg/Kg		104	76 - 120
Acetone	0.100	0.0959		mg/Kg		96	63 - 131
Carbon disulfide	0.0200	0.0250	*+	mg/Kg		125	76 - 120
Trichlorofluoromethane	0.0200	0.0198		mg/Kg		99	76 - 142
1,1-Dichloroethene	0.0200	0.0230		mg/Kg		115	70 - 132
1,1-Dichloroethane	0.0200	0.0230		mg/Kg		115	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0223		mg/Kg		112	78 - 120
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		109	80 - 123
Chloroform	0.0200	0.0215		mg/Kg		108	79 - 126
Vinyl chloride	0.0200	0.0215		mg/Kg		108	72 - 131
1,2-Dichloroethane	0.0200	0.0200		mg/Kg		100	75 - 123
2-Butanone (MEK)	0.100	0.103		mg/Kg		103	75 - 120
1,1,1-Trichloroethane	0.0200	0.0237		mg/Kg		119	78 - 120
Carbon tetrachloride	0.0200	0.0292	*+	mg/Kg		146	77 - 121
Dichlorobromomethane	0.0200	0.0245		mg/Kg		122	73 - 124
1,2-Dichloropropane	0.0200	0.0218		mg/Kg		109	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0195		mg/Kg		98	80 - 120
Trichloroethene	0.0200	0.0202		mg/Kg		101	79 - 120
Chlorodibromomethane	0.0200	0.0286	*+	mg/Kg		143	80 - 120
1,1,2-Trichloroethane	0.0200	0.0195		mg/Kg		98	80 - 120
Benzene	0.0200	0.0201		mg/Kg		100	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0204		mg/Kg		102	80 - 120
Bromoform	0.0200	0.0298	*+	mg/Kg		149	70 - 125
4-Methyl-2-pentanone (MIBK)	0.100	0.108		mg/Kg		108	80 - 122
2-Hexanone	0.100	0.132	*+	mg/Kg		132	70 - 128
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0214		mg/Kg		107	66 - 123
Toluene	0.0200	0.0193		mg/Kg		96	80 - 120
Chlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylbenzene	0.0200	0.0195		mg/Kg		97	76 - 120
Styrene	0.0200	0.0184		mg/Kg		92	80 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
o-Xylene	0.0200	0.0186		mg/Kg		93	80 - 120
Acrolein	0.300	0.265		mg/Kg		88	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0241		mg/Kg		121	75 - 141

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872776/4

Matrix: Solid

Analysis Batch: 872776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
TBA	0.200	0.201		mg/Kg		101	80 - 120
Acrylonitrile	0.200	0.221		mg/Kg		110	66 - 134
Methyl tert-butyl ether	0.0200	0.0219		mg/Kg		110	80 - 125
Cyclohexane	0.0200	0.0223		mg/Kg		112	70 - 132
Ethylene Dibromide	0.0200	0.0202		mg/Kg		101	79 - 120
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Dichlorodifluoromethane	0.0200	0.0205		mg/Kg		103	62 - 150
1,2,4-Trichlorobenzene	0.0200	0.0191		mg/Kg		95	68 - 150
1,4-Dioxane	0.400	0.439		mg/Kg		110	80 - 136
1,2,3-Trichlorobenzene	0.0200	0.0201		mg/Kg		100	44 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0207		mg/Kg		104	60 - 124
Chlorobromomethane	0.0200	0.0217		mg/Kg		108	76 - 127
Isopropylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Methyl acetate	0.0400	0.0349		mg/Kg		87	58 - 143
Methylcyclohexane	0.0200	0.0229		mg/Kg		114	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		72 - 145
Toluene-d8 (Surr)	96		80 - 120
4-Bromofluorobenzene	95		75 - 139
Dibromofluoromethane (Surr)	104		73 - 139

Lab Sample ID: LCSD 460-872776/5

Matrix: Solid

Analysis Batch: 872776

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0207		mg/Kg		104	63 - 130	5	30
Bromomethane	0.0200	0.0207		mg/Kg		103	64 - 150	3	30
Chloroethane	0.0200	0.0214		mg/Kg		107	68 - 132	3	30
Methylene Chloride	0.0200	0.0216		mg/Kg		108	76 - 120	4	30
Acetone	0.100	0.109		mg/Kg		109	63 - 131	12	30
Carbon disulfide	0.0200	0.0276	*+	mg/Kg		138	76 - 120	10	30
Trichlorofluoromethane	0.0200	0.0212		mg/Kg		106	76 - 142	6	30
1,1-Dichloroethene	0.0200	0.0240		mg/Kg		120	70 - 132	4	30
1,1-Dichloroethane	0.0200	0.0241		mg/Kg		121	77 - 129	5	30
trans-1,2-Dichloroethene	0.0200	0.0232		mg/Kg		116	78 - 120	4	30
cis-1,2-Dichloroethene	0.0200	0.0237		mg/Kg		119	80 - 123	8	30
Chloroform	0.0200	0.0224		mg/Kg		112	79 - 126	4	30
Vinyl chloride	0.0200	0.0231		mg/Kg		115	72 - 131	7	30
1,2-Dichloroethane	0.0200	0.0221		mg/Kg		110	75 - 123	10	30
2-Butanone (MEK)	0.100	0.109		mg/Kg		109	75 - 120	5	30
1,1,1-Trichloroethane	0.0200	0.0258	*+	mg/Kg		129	78 - 120	8	30
Carbon tetrachloride	0.0200	0.0314	*+	mg/Kg		157	77 - 121	7	30
Dichlorobromomethane	0.0200	0.0258	*+	mg/Kg		129	73 - 124	5	30
1,2-Dichloropropane	0.0200	0.0238		mg/Kg		119	73 - 124	9	30

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872776/5

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 872776

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0200	0.0225		mg/Kg		113	80 - 120	14	30
Trichloroethene	0.0200	0.0228		mg/Kg		114	79 - 120	12	30
Chlorodibromomethane	0.0200	0.0308	*+	mg/Kg		154	80 - 120	7	30
1,1,2-Trichloroethane	0.0200	0.0214		mg/Kg		107	80 - 120	9	30
Benzene	0.0200	0.0211		mg/Kg		106	80 - 123	5	30
trans-1,3-Dichloropropene	0.0200	0.0220		mg/Kg		110	80 - 120	8	30
Bromoform	0.0200	0.0323	*+	mg/Kg		162	70 - 125	8	30
4-Methyl-2-pentanone (MIBK)	0.100	0.112		mg/Kg		112	80 - 122	3	30
2-Hexanone	0.100	0.133	*+	mg/Kg		133	70 - 128	1	30
Tetrachloroethene	0.0200	0.0219		mg/Kg		109	78 - 123	14	30
1,1,1,2-Tetrachloroethane	0.0200	0.0225		mg/Kg		113	66 - 123	5	30
Toluene	0.0200	0.0212		mg/Kg		106	80 - 120	10	30
Chlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120	11	30
Ethylbenzene	0.0200	0.0215		mg/Kg		107	76 - 120	10	30
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120	12	30
m-Xylene & p-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120	11	30
o-Xylene	0.0200	0.0210		mg/Kg		105	80 - 120	12	30
Acrolein	0.300	0.255		mg/Kg		85	10 - 150	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0246		mg/Kg		123	75 - 141	2	30
TBA	0.200	0.202		mg/Kg		101	80 - 120	1	30
Acrylonitrile	0.200	0.242		mg/Kg		121	66 - 134	9	30
Methyl tert-butyl ether	0.0200	0.0242		mg/Kg		121	80 - 125	10	30
Cyclohexane	0.0200	0.0257		mg/Kg		128	70 - 132	14	30
Ethylene Dibromide	0.0200	0.0207		mg/Kg		104	79 - 120	3	30
1,3-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120	7	30
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120	2	30
1,2-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	9	30
Dichlorodifluoromethane	0.0200	0.0222		mg/Kg		111	62 - 150	8	30
1,2,4-Trichlorobenzene	0.0200	0.0210		mg/Kg		105	68 - 150	10	30
1,4-Dioxane	0.400	0.467		mg/Kg		117	80 - 136	6	30
1,2,3-Trichlorobenzene	0.0200	0.0222		mg/Kg		111	44 - 120	10	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0217		mg/Kg		108	60 - 124	4	30
Chlorobromomethane	0.0200	0.0223		mg/Kg		111	76 - 127	3	30
Isopropylbenzene	0.0200	0.0215		mg/Kg		107	80 - 120	9	30
Methyl acetate	0.0400	0.0352		mg/Kg		88	58 - 143	1	30
Methylcyclohexane	0.0200	0.0248		mg/Kg		124	70 - 133	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	103		72 - 145
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene	98		75 - 139
Dibromofluoromethane (Surr)	107		73 - 139

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB 460-872167/1-A
Matrix: Solid
Analysis Batch: 872321

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/17/22 11:03	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/17/22 11:03	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/17/22 11:03	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/17/22 11:03	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/17/22 11:03	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/17/22 11:03	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/17/22 11:03	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/17/22 11:03	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/17/22 11:03	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/17/22 11:03	10

Surrogate	LB LB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	114		70 - 128		10/17/22 11:03	10
Toluene-d8 (Surr)	103		80 - 120		10/17/22 11:03	10
4-Bromofluorobenzene	98		76 - 120		10/17/22 11:03	10
Dibromofluoromethane (Surr)	108		77 - 124		10/17/22 11:03	10

Lab Sample ID: LB 460-872298/1-A
Matrix: Solid
Analysis Batch: 872525

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/18/22 12:33	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/18/22 12:33	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/18/22 12:33	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/18/22 12:33	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/18/22 12:33	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/18/22 12:33	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/18/22 12:33	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/18/22 12:33	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/18/22 12:33	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/18/22 12:33	10

Surrogate	LB LB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	120		70 - 128		10/18/22 12:33	10
Toluene-d8 (Surr)	110		80 - 120		10/18/22 12:33	10
4-Bromofluorobenzene	102		76 - 120		10/18/22 12:33	10
Dibromofluoromethane (Surr)	109		77 - 124		10/18/22 12:33	10

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-871842/1-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871842

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	0.012	U	0.33	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2-Chlorophenol	0.012	U	0.33	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-871842/1-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871842

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methylphenol	0.021	U	0.33	0.021	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2-Nitrophenol	0.033	U	0.33	0.033	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,4-Dimethylphenol	0.039	U	0.33	0.039	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,4-Dichlorophenol	0.021	U	0.13	0.021	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2-Methylphenol	0.012	U	0.33	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
4-Chloro-3-methylphenol	0.019	U	0.33	0.019	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,4,6-Trichlorophenol	0.042	U	0.13	0.042	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,4,5-Trichlorophenol	0.034	U	0.33	0.034	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
4-Nitrophenol	0.054	U	0.67	0.054	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
4,6-Dinitro-2-methylphenol	0.14	U	0.27	0.14	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
N-Nitrosodimethylamine	0.031	U	0.33	0.031	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Pentachlorophenol	0.068	U	0.27	0.068	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Nitrobenzene	0.018	U	0.033	0.018	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
4-Chloroaniline	0.059	U	0.33	0.059	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2-Nitroaniline	0.025	U	0.33	0.025	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Acenaphthylene	0.0095	U	0.33	0.0095	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
3-Nitroaniline	0.079	U	0.33	0.079	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Acenaphthene	0.0094	U	0.33	0.0094	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Dibenzofuran	0.011	U	0.33	0.011	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,4-Dinitrophenol	0.16	U	0.27	0.16	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Diethyl phthalate	0.011	U	0.33	0.011	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Fluorene	0.0097	U	0.33	0.0097	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
N-Nitrosodiphenylamine	0.027	U	0.33	0.027	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Di-n-butyl phthalate	0.012	U	0.33	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Benzidine	0.069	U	0.33	0.069	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		10/13/22 20:00	10/14/22 07:28	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-871842/1-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871842

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
1,2-Diphenylhydrazine	0.013	U	0.33	0.013	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
1,1'-Biphenyl	0.012	U	0.33	0.012	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Acetophenone	0.016	U	0.33	0.016	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Benzaldehyde	0.055	U	0.33	0.055	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Caprolactam	0.051	U	0.33	0.051	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Atrazine	0.019	U	0.13	0.019	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
1,2,4,5-Tetrachlorobenzene	0.010	U	0.33	0.010	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
2,3,4,6-Tetrachlorophenol	0.022	U	0.33	0.022	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		10/13/22 20:00	10/14/22 07:28	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		10/13/22 20:00	10/14/22 07:28	1

Tentatively Identified Compound	MB MB		Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
	Est. Result	Qualifier							
Tentatively Identified Compound	None		mg/Kg				10/13/22 20:00	10/14/22 07:28	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	70		16 - 125	10/13/22 20:00	10/14/22 07:28	1
Phenol-d5 (Surr)	69		23 - 120	10/13/22 20:00	10/14/22 07:28	1
Terphenyl-d14 (Surr)	84		25 - 126	10/13/22 20:00	10/14/22 07:28	1
2,4,6-Tribromophenol (Surr)	89		10 - 123	10/13/22 20:00	10/14/22 07:28	1
2-Fluorophenol (Surr)	66		18 - 123	10/13/22 20:00	10/14/22 07:28	1
2-Fluorobiphenyl	80		22 - 122	10/13/22 20:00	10/14/22 07:28	1

Lab Sample ID: LCS 460-871842/2-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871842

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Phenol	3.33	2.84		mg/Kg		85	63 - 120
2-Chlorophenol	3.33	2.74		mg/Kg		82	63 - 120
4-Methylphenol	3.33	2.76		mg/Kg		83	61 - 120
2-Nitrophenol	3.33	2.99		mg/Kg		90	64 - 120
2,4-Dimethylphenol	3.33	2.88		mg/Kg		86	67 - 120
2,4-Dichlorophenol	3.33	3.04		mg/Kg		91	66 - 120
2-Methylphenol	3.33	2.77		mg/Kg		83	63 - 120
4-Chloro-3-methylphenol	3.33	3.03		mg/Kg		91	66 - 120
2,4,6-Trichlorophenol	3.33	3.22		mg/Kg		97	58 - 120
2,4,5-Trichlorophenol	3.33	3.26		mg/Kg		98	59 - 120
2,4-Dinitrotoluene	3.33	3.46		mg/Kg		104	65 - 124
4-Nitrophenol	6.67	5.78		mg/Kg		87	52 - 123

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-871842/2-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	6.67	6.71		mg/Kg		101	50 - 136
N-Nitrosodimethylamine	3.33	2.50		mg/Kg		75	57 - 120
Pentachlorophenol	6.67	5.40		mg/Kg		81	37 - 126
Bis(2-chloroethyl)ether	3.33	2.75		mg/Kg		83	60 - 120
N-Nitrosodi-n-propylamine	3.33	2.66		mg/Kg		80	61 - 120
Hexachloroethane	3.33	2.83		mg/Kg		85	61 - 120
Nitrobenzene	3.33	2.83		mg/Kg		85	63 - 120
Isophorone	3.33	2.87		mg/Kg		86	67 - 120
Naphthalene	3.33	3.01		mg/Kg		90	63 - 120
4-Chloroaniline	3.33	2.73		mg/Kg		82	15 - 128
Hexachlorobutadiene	3.33	2.97		mg/Kg		89	62 - 120
2-Methylnaphthalene	3.33	2.68		mg/Kg		80	64 - 120
Hexachlorocyclopentadiene	3.33	2.64		mg/Kg		79	38 - 120
2-Chloronaphthalene	3.33	3.29		mg/Kg		99	60 - 120
2-Nitroaniline	3.33	2.67		mg/Kg		80	48 - 120
Dimethyl phthalate	3.33	3.33		mg/Kg		100	65 - 120
Acenaphthylene	3.33	3.14		mg/Kg		94	64 - 120
2,6-Dinitrotoluene	3.33	3.37		mg/Kg		101	67 - 121
3-Nitroaniline	3.33	3.19		mg/Kg		96	39 - 122
Acenaphthene	3.33	2.91		mg/Kg		87	49 - 120
Dibenzofuran	3.33	3.34		mg/Kg		100	61 - 120
2,4-Dinitrophenol	6.67	6.45		mg/Kg		97	36 - 129
Diethyl phthalate	3.33	3.15		mg/Kg		94	63 - 120
4-Chlorophenyl phenyl ether	3.33	3.29		mg/Kg		99	62 - 120
Fluorene	3.33	3.27		mg/Kg		98	60 - 120
4-Nitroaniline	3.33	3.21		mg/Kg		96	55 - 120
N-Nitrosodiphenylamine	3.33	3.14		mg/Kg		94	63 - 120
4-Bromophenyl phenyl ether	3.33	3.23		mg/Kg		97	67 - 120
Hexachlorobenzene	3.33	3.30		mg/Kg		99	66 - 120
Phenanthrene	3.33	3.15		mg/Kg		95	66 - 120
Anthracene	3.33	3.26		mg/Kg		98	67 - 120
Carbazole	3.33	3.27		mg/Kg		98	64 - 120
Di-n-butyl phthalate	3.33	3.30		mg/Kg		99	66 - 120
Fluoranthene	3.33	3.25		mg/Kg		97	61 - 120
Pyrene	3.33	3.31		mg/Kg		99	61 - 121
Benzidine	3.33	2.58		mg/Kg		77	10 - 137
Butyl benzyl phthalate	3.33	3.37		mg/Kg		101	62 - 127
Benzo[a]anthracene	3.33	3.15		mg/Kg		94	62 - 120
Chrysene	3.33	3.19		mg/Kg		96	63 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.23		mg/Kg		97	59 - 125
Di-n-octyl phthalate	3.33	3.28		mg/Kg		98	65 - 133
Benzo[b]fluoranthene	3.33	3.28		mg/Kg		98	70 - 125
Benzo[k]fluoranthene	3.33	3.30		mg/Kg		99	67 - 122
Benzo[a]pyrene	3.33	3.05		mg/Kg		91	73 - 123
Indeno[1,2,3-cd]pyrene	3.33	3.84		mg/Kg		115	62 - 130
Dibenz(a,h)anthracene	3.33	3.60		mg/Kg		108	66 - 128
Benzo[g,h,i]perylene	3.33	3.42		mg/Kg		102	66 - 120
1,2-Diphenylhydrazine	3.33	3.05		mg/Kg		92	55 - 125
1,1'-Biphenyl	3.33	3.30		mg/Kg		99	59 - 120

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-871842/2-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	3.33	2.73		mg/Kg		82	61 - 120
Benzaldehyde	1.33	1.22		mg/Kg		92	34 - 150
Caprolactam	1.33	1.50		mg/Kg		113	36 - 150
Atrazine	1.33	1.58		mg/Kg		119	29 - 150
2,2'-oxybis[1-chloropropane]	3.33	2.41		mg/Kg		72	49 - 126
1,2,4,5-Tetrachlorobenzene	3.33	3.36		mg/Kg		101	60 - 120
2,3,4,6-Tetrachlorophenol	3.33	3.30		mg/Kg		99	54 - 120
3,3'-Dichlorobenzidine	3.33	2.92		mg/Kg		88	13 - 136
Bis(2-chloroethoxy)methane	3.33	2.87		mg/Kg		86	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	74		16 - 125
Phenol-d5 (Surr)	72		23 - 120
Terphenyl-d14 (Surr)	87		25 - 126
2,4,6-Tribromophenol (Surr)	92		10 - 123
2-Fluorophenol (Surr)	70		18 - 123
2-Fluorobiphenyl	84		22 - 122

Lab Sample ID: LCSD 460-871842/3-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871842

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenol	3.33	2.79		mg/Kg		84	63 - 120	2	30
2-Chlorophenol	3.33	2.74		mg/Kg		82	63 - 120	0	30
4-Methylphenol	3.33	2.78		mg/Kg		84	61 - 120	1	30
2-Nitrophenol	3.33	3.01		mg/Kg		90	64 - 120	1	30
2,4-Dimethylphenol	3.33	2.88		mg/Kg		86	67 - 120	0	30
2,4-Dichlorophenol	3.33	3.11		mg/Kg		93	66 - 120	2	30
2-Methylphenol	3.33	2.89		mg/Kg		87	63 - 120	4	30
4-Chloro-3-methylphenol	3.33	3.07		mg/Kg		92	66 - 120	1	30
2,4,6-Trichlorophenol	3.33	3.10		mg/Kg		93	58 - 120	4	30
2,4,5-Trichlorophenol	3.33	3.20		mg/Kg		96	59 - 120	2	30
2,4-Dinitrotoluene	3.33	3.50		mg/Kg		105	65 - 124	1	30
4-Nitrophenol	6.67	6.01		mg/Kg		90	52 - 123	4	30
4,6-Dinitro-2-methylphenol	6.67	6.63		mg/Kg		99	50 - 136	1	30
N-Nitrosodimethylamine	3.33	2.45		mg/Kg		73	57 - 120	2	30
Pentachlorophenol	6.67	5.28		mg/Kg		79	37 - 126	2	30
Bis(2-chloroethyl)ether	3.33	2.73		mg/Kg		82	60 - 120	1	30
N-Nitrosodi-n-propylamine	3.33	2.69		mg/Kg		81	61 - 120	1	30
Hexachloroethane	3.33	2.74		mg/Kg		82	61 - 120	3	30
Nitrobenzene	3.33	2.85		mg/Kg		86	63 - 120	1	30
Isophorone	3.33	2.92		mg/Kg		88	67 - 120	2	30
Naphthalene	3.33	3.01		mg/Kg		90	63 - 120	0	30
4-Chloroaniline	3.33	2.77		mg/Kg		83	15 - 128	1	30
Hexachlorobutadiene	3.33	2.94		mg/Kg		88	62 - 120	1	30
2-Methylnaphthalene	3.33	2.74		mg/Kg		82	64 - 120	2	30
Hexachlorocyclopentadiene	3.33	2.56		mg/Kg		77	38 - 120	3	30

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-871842/3-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871842

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
2-Chloronaphthalene	3.33	3.25		mg/Kg		97	60 - 120	1	30	
2-Nitroaniline	3.33	2.65		mg/Kg		79	48 - 120	1	30	
Dimethyl phthalate	3.33	3.32		mg/Kg		99	65 - 120	0	30	
Acenaphthylene	3.33	3.08		mg/Kg		92	64 - 120	2	30	
2,6-Dinitrotoluene	3.33	3.35		mg/Kg		100	67 - 121	1	30	
3-Nitroaniline	3.33	3.23		mg/Kg		97	39 - 122	1	30	
Acenaphthene	3.33	2.90		mg/Kg		87	49 - 120	0	30	
Dibenzofuran	3.33	3.31		mg/Kg		99	61 - 120	1	30	
2,4-Dinitrophenol	6.67	6.54		mg/Kg		98	36 - 129	1	30	
Diethyl phthalate	3.33	3.21		mg/Kg		96	63 - 120	2	30	
4-Chlorophenyl phenyl ether	3.33	3.30		mg/Kg		99	62 - 120	0	30	
Fluorene	3.33	3.36		mg/Kg		101	60 - 120	3	30	
4-Nitroaniline	3.33	3.23		mg/Kg		97	55 - 120	0	30	
N-Nitrosodiphenylamine	3.33	3.04		mg/Kg		91	63 - 120	3	30	
4-Bromophenyl phenyl ether	3.33	3.10		mg/Kg		93	67 - 120	4	30	
Hexachlorobenzene	3.33	3.15		mg/Kg		95	66 - 120	5	30	
Phenanthrene	3.33	3.06		mg/Kg		92	66 - 120	3	30	
Anthracene	3.33	3.14		mg/Kg		94	67 - 120	4	30	
Carbazole	3.33	3.22		mg/Kg		97	64 - 120	1	30	
Di-n-butyl phthalate	3.33	3.18		mg/Kg		95	66 - 120	4	30	
Fluoranthene	3.33	3.18		mg/Kg		95	61 - 120	2	30	
Pyrene	3.33	3.28		mg/Kg		98	61 - 121	1	30	
Benzidine	3.33	2.61		mg/Kg		78	10 - 137	1	30	
Butyl benzyl phthalate	3.33	3.32		mg/Kg		99	62 - 127	2	30	
Benzo[a]anthracene	3.33	3.15		mg/Kg		95	62 - 120	0	30	
Chrysene	3.33	3.10		mg/Kg		93	63 - 120	3	30	
Bis(2-ethylhexyl) phthalate	3.33	3.19		mg/Kg		96	59 - 125	1	30	
Di-n-octyl phthalate	3.33	3.20		mg/Kg		96	65 - 133	3	30	
Benzo[b]fluoranthene	3.33	3.39		mg/Kg		102	70 - 125	3	30	
Benzo[k]fluoranthene	3.33	3.17		mg/Kg		95	67 - 122	4	30	
Benzo[a]pyrene	3.33	2.99		mg/Kg		90	73 - 123	2	30	
Indeno[1,2,3-cd]pyrene	3.33	3.82		mg/Kg		115	62 - 130	1	30	
Dibenz(a,h)anthracene	3.33	3.43		mg/Kg		103	66 - 128	5	30	
Benzo[g,h,i]perylene	3.33	3.25		mg/Kg		98	66 - 120	5	30	
1,2-Diphenylhydrazine	3.33	2.93		mg/Kg		88	55 - 125	4	30	
1,1'-Biphenyl	3.33	3.31		mg/Kg		99	59 - 120	0	30	
Acetophenone	3.33	2.75		mg/Kg		82	61 - 120	1	30	
Benzaldehyde	1.33	1.14		mg/Kg		85	34 - 150	7	30	
Caprolactam	1.33	1.48		mg/Kg		111	36 - 150	1	30	
Atrazine	1.33	1.51		mg/Kg		113	29 - 150	5	30	
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		73	49 - 126	0	30	
1,2,4,5-Tetrachlorobenzene	3.33	3.29		mg/Kg		99	60 - 120	2	30	
2,3,4,6-Tetrachlorophenol	3.33	3.27		mg/Kg		98	54 - 120	1	30	
3,3'-Dichlorobenzidine	3.33	2.93		mg/Kg		88	13 - 136	0	30	
Bis(2-chloroethoxy)methane	3.33	2.85		mg/Kg		85	62 - 120	1	30	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	72		16 - 125

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-871842/3-A
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871842

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Phenol-d5 (Surr)	71		23 - 120
Terphenyl-d14 (Surr)	85		25 - 126
2,4,6-Tribromophenol (Surr)	94		10 - 123
2-Fluorophenol (Surr)	71		18 - 123
2-Fluorobiphenyl	82		22 - 122

Lab Sample ID: 460-267346-2 MS
Matrix: Solid
Analysis Batch: 871889

Client Sample ID: B-04-C
Prep Type: Total/NA
Prep Batch: 871842

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Phenol	0.014	U	3.82	3.03		mg/Kg	☼	79	63 - 120
2-Chlorophenol	0.013	U	3.82	2.89		mg/Kg	☼	76	63 - 120
4-Methylphenol	0.024	U	3.82	3.22		mg/Kg	☼	84	61 - 120
2-Nitrophenol	0.038	U	3.82	3.27		mg/Kg	☼	86	64 - 120
2,4-Dimethylphenol	0.045	U	3.82	3.13		mg/Kg	☼	82	67 - 120
2,4-Dichlorophenol	0.024	U	3.82	3.39		mg/Kg	☼	89	66 - 120
2-Methylphenol	0.014	U	3.82	3.04		mg/Kg	☼	80	63 - 120
4-Chloro-3-methylphenol	0.021	U	3.82	3.30		mg/Kg	☼	86	66 - 120
2,4,6-Trichlorophenol	0.049	U	3.82	3.41		mg/Kg	☼	89	58 - 120
2,4,5-Trichlorophenol	0.039	U	3.82	3.56		mg/Kg	☼	93	59 - 120
2,4-Dinitrotoluene	0.041	U	3.82	3.72		mg/Kg	☼	97	65 - 124
4-Nitrophenol	0.062	U	7.64	6.64		mg/Kg	☼	87	52 - 123
4,6-Dinitro-2-methylphenol	0.15	U	7.64	7.27		mg/Kg	☼	95	50 - 136
N-Nitrosodimethylamine	0.035	U	3.82	2.56		mg/Kg	☼	67	57 - 120
Pentachlorophenol	0.078	U	7.64	5.85		mg/Kg	☼	77	37 - 126
Bis(2-chloroethyl)ether	0.013	U	3.82	2.89		mg/Kg	☼	76	60 - 120
N-Nitrosodi-n-propylamine	0.028	U	3.82	2.84		mg/Kg	☼	74	61 - 120
Hexachloroethane	0.013	U	3.82	2.92		mg/Kg	☼	76	61 - 120
Nitrobenzene	0.021	U	3.82	2.99		mg/Kg	☼	78	63 - 120
Isophorone	0.11	U	3.82	3.13		mg/Kg	☼	82	67 - 120
Naphthalene	0.12	J	3.82	3.32		mg/Kg	☼	84	63 - 120
4-Chloroaniline	0.067	U	3.82	3.12		mg/Kg	☼	82	15 - 128
Hexachlorobutadiene	0.0081	U	3.82	3.16		mg/Kg	☼	83	62 - 120
2-Methylnaphthalene	0.057	J	3.82	2.98		mg/Kg	☼	76	64 - 120
Hexachlorocyclopentadiene	0.033	U	3.82	2.65		mg/Kg	☼	69	38 - 120
2-Chloronaphthalene	0.018	U	3.82	3.54		mg/Kg	☼	93	60 - 120
2-Nitroaniline	0.029	U	3.82	2.97		mg/Kg	☼	78	48 - 120
Dimethyl phthalate	0.086	U	3.82	3.59		mg/Kg	☼	94	65 - 120
Acenaphthylene	0.054	J	3.82	3.38		mg/Kg	☼	87	64 - 120
2,6-Dinitrotoluene	0.027	U	3.82	3.62		mg/Kg	☼	95	67 - 121
3-Nitroaniline	0.090	U	3.82	3.68		mg/Kg	☼	96	39 - 122
Acenaphthene	0.15	J	3.82	3.27		mg/Kg	☼	82	49 - 120
Dibenzofuran	0.13	J	3.82	3.66		mg/Kg	☼	92	61 - 120
2,4-Dinitrophenol	0.19	U	7.64	7.15		mg/Kg	☼	94	36 - 129
Diethyl phthalate	0.012	U	3.82	3.47		mg/Kg	☼	91	63 - 120
4-Chlorophenyl phenyl ether	0.013	U	3.82	3.54		mg/Kg	☼	93	62 - 120
Fluorene	0.20	J	3.82	3.82		mg/Kg	☼	95	60 - 120

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-267346-2 MS

Matrix: Solid

Analysis Batch: 871889

Client Sample ID: B-04-C

Prep Type: Total/NA

Prep Batch: 871842

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
4-Nitroaniline	0.044	U	3.82	3.59		mg/Kg	☼	94		55 - 120
N-Nitrosodiphenylamine	0.031	U	3.82	3.42		mg/Kg	☼	90		63 - 120
4-Bromophenyl phenyl ether	0.015	U	3.82	3.46		mg/Kg	☼	91		67 - 120
Hexachlorobenzene	0.018	U	3.82	3.54		mg/Kg	☼	93		66 - 120
Phenanthrene	1.9		3.82	4.95		mg/Kg	☼	81		66 - 120
Anthracene	0.43		3.82	3.85		mg/Kg	☼	89		67 - 120
Carbazole	0.18	J	3.82	3.70		mg/Kg	☼	92		64 - 120
Di-n-butyl phthalate	0.014	U	3.82	3.59		mg/Kg	☼	94		66 - 120
Fluoranthene	2.3		3.82	5.16		mg/Kg	☼	76		61 - 120
Pyrene	1.8		3.82	5.08		mg/Kg	☼	85		61 - 121
Benzidine	0.079	U	3.82	1.81		mg/Kg	☼	48		10 - 137
Butyl benzyl phthalate	0.018	U	3.82	3.74		mg/Kg	☼	98		62 - 127
Benzo[a]anthracene	1.0		3.82	4.41		mg/Kg	☼	89		62 - 120
Chrysene	1.0		3.82	4.24		mg/Kg	☼	85		63 - 120
Bis(2-ethylhexyl) phthalate	0.020	U	3.82	3.49		mg/Kg	☼	91		59 - 125
Di-n-octyl phthalate	0.020	U	3.82	3.42		mg/Kg	☼	90		65 - 133
Benzo[b]fluoranthene	1.1		3.82	4.59		mg/Kg	☼	91		70 - 125
Benzo[k]fluoranthene	0.38		3.82	4.00		mg/Kg	☼	95		67 - 122
Benzo[a]pyrene	0.88		3.82	4.11		mg/Kg	☼	84		73 - 123
Indeno[1,2,3-cd]pyrene	0.60		3.82	3.64		mg/Kg	☼	80		62 - 130
Dibenz(a,h)anthracene	0.17		3.82	3.20		mg/Kg	☼	79		66 - 128
Benzo[g,h,i]perylene	0.47		3.82	3.09		mg/Kg	☼	69		66 - 120
1,2-Diphenylhydrazine	0.015	U	3.82	3.39		mg/Kg	☼	89		55 - 125
1,1'-Biphenyl	0.017	J	3.82	3.57		mg/Kg	☼	93		59 - 120
Acetophenone	0.019	U	3.82	2.91		mg/Kg	☼	76		61 - 120
Benzaldehyde	0.063	U	1.53	1.19		mg/Kg	☼	78		34 - 150
Caprolactam	0.059	U	1.53	1.62		mg/Kg	☼	106		36 - 150
Atrazine	0.022	U	1.53	1.68		mg/Kg	☼	110		29 - 150
2,2'-oxybis[1-chloropropane]	0.0069	U	3.82	2.63		mg/Kg	☼	69		49 - 126
1,2,4,5-Tetrachlorobenzene	0.012	U	3.82	3.63		mg/Kg	☼	95		60 - 120
2,3,4,6-Tetrachlorophenol	0.026	U	3.82	3.55		mg/Kg	☼	93		54 - 120
3,3'-Dichlorobenzidine	0.057	U	3.82	3.70		mg/Kg	☼	97		13 - 136
Bis(2-chloroethoxy)methane	0.030	U	3.82	3.09		mg/Kg	☼	81		62 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	71		16 - 125
Phenol-d5 (Surr)	69		23 - 120
Terphenyl-d14 (Surr)	83		25 - 126
2,4,6-Tribromophenol (Surr)	90		10 - 123
2-Fluorophenol (Surr)	65		18 - 123
2-Fluorobiphenyl	80		22 - 122

Lab Sample ID: 460-267346-2 MSD

Matrix: Solid

Analysis Batch: 871889

Client Sample ID: B-04-C

Prep Type: Total/NA

Prep Batch: 871842

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Phenol	0.014	U	3.81	3.05		mg/Kg	☼	80		63 - 120	0		30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-267346-2 MSD

Matrix: Solid

Analysis Batch: 871889

Client Sample ID: B-04-C

Prep Type: Total/NA

Prep Batch: 871842

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
2-Chlorophenol	0.013	U	3.81	2.95		mg/Kg	☼	77	63 - 120	2	30
4-Methylphenol	0.024	U	3.81	3.27		mg/Kg	☼	86	61 - 120	2	30
2-Nitrophenol	0.038	U	3.81	3.29		mg/Kg	☼	86	64 - 120	1	30
2,4-Dimethylphenol	0.045	U	3.81	3.13		mg/Kg	☼	82	67 - 120	0	30
2,4-Dichlorophenol	0.024	U	3.81	3.35		mg/Kg	☼	88	66 - 120	1	30
2-Methylphenol	0.014	U	3.81	3.10		mg/Kg	☼	81	63 - 120	2	30
4-Chloro-3-methylphenol	0.021	U	3.81	3.27		mg/Kg	☼	86	66 - 120	1	30
2,4,6-Trichlorophenol	0.049	U	3.81	3.40		mg/Kg	☼	89	58 - 120	0	30
2,4,5-Trichlorophenol	0.039	U	3.81	3.54		mg/Kg	☼	93	59 - 120	1	30
2,4-Dinitrotoluene	0.041	U	3.81	3.77		mg/Kg	☼	99	65 - 124	1	30
4-Nitrophenol	0.062	U	7.62	6.79		mg/Kg	☼	89	52 - 123	2	30
4,6-Dinitro-2-methylphenol	0.15	U	7.62	7.11		mg/Kg	☼	93	50 - 136	2	30
N-Nitrosodimethylamine	0.035	U	3.81	2.62		mg/Kg	☼	69	57 - 120	2	30
Pentachlorophenol	0.078	U	7.62	5.94		mg/Kg	☼	78	37 - 126	2	30
Bis(2-chloroethyl)ether	0.013	U	3.81	2.92		mg/Kg	☼	77	60 - 120	1	30
N-Nitrosodi-n-propylamine	0.028	U	3.81	2.89		mg/Kg	☼	76	61 - 120	2	30
Hexachloroethane	0.013	U	3.81	2.90		mg/Kg	☼	76	61 - 120	1	30
Nitrobenzene	0.021	U	3.81	3.05		mg/Kg	☼	80	63 - 120	2	30
Isophorone	0.11	U	3.81	3.13		mg/Kg	☼	82	67 - 120	0	30
Naphthalene	0.12	J	3.81	3.41		mg/Kg	☼	86	63 - 120	3	30
4-Chloroaniline	0.067	U	3.81	3.15		mg/Kg	☼	83	15 - 128	1	30
Hexachlorobutadiene	0.0081	U	3.81	3.15		mg/Kg	☼	83	62 - 120	0	30
2-Methylnaphthalene	0.057	J	3.81	2.98		mg/Kg	☼	77	64 - 120	0	30
Hexachlorocyclopentadiene	0.033	U	3.81	2.50		mg/Kg	☼	66	38 - 120	6	30
2-Chloronaphthalene	0.018	U	3.81	3.59		mg/Kg	☼	94	60 - 120	1	30
2-Nitroaniline	0.029	U	3.81	2.97		mg/Kg	☼	78	48 - 120	0	30
Dimethyl phthalate	0.086	U	3.81	3.62		mg/Kg	☼	95	65 - 120	1	30
Acenaphthylene	0.054	J	3.81	3.38		mg/Kg	☼	87	64 - 120	0	30
2,6-Dinitrotoluene	0.027	U	3.81	3.64		mg/Kg	☼	96	67 - 121	1	30
3-Nitroaniline	0.090	U	3.81	3.66		mg/Kg	☼	96	39 - 122	1	30
Acenaphthene	0.15	J	3.81	3.36		mg/Kg	☼	84	49 - 120	3	30
Dibenzofuran	0.13	J	3.81	3.73		mg/Kg	☼	94	61 - 120	2	30
2,4-Dinitrophenol	0.19	U	7.62	6.91		mg/Kg	☼	91	36 - 129	3	30
Diethyl phthalate	0.012	U	3.81	3.44		mg/Kg	☼	90	63 - 120	1	30
4-Chlorophenyl phenyl ether	0.013	U	3.81	3.54		mg/Kg	☼	93	62 - 120	0	30
Fluorene	0.20	J	3.81	3.86		mg/Kg	☼	96	60 - 120	1	30
4-Nitroaniline	0.044	U	3.81	3.63		mg/Kg	☼	95	55 - 120	1	30
N-Nitrosodiphenylamine	0.031	U	3.81	3.42		mg/Kg	☼	90	63 - 120	0	30
4-Bromophenyl phenyl ether	0.015	U	3.81	3.49		mg/Kg	☼	92	67 - 120	1	30
Hexachlorobenzene	0.018	U	3.81	3.52		mg/Kg	☼	92	66 - 120	1	30
Phenanthrene	1.9		3.81	5.40		mg/Kg	☼	93	66 - 120	9	30
Anthracene	0.43		3.81	3.97		mg/Kg	☼	93	67 - 120	3	30
Carbazole	0.18	J	3.81	3.83		mg/Kg	☼	96	64 - 120	3	30
Di-n-butyl phthalate	0.014	U	3.81	3.59		mg/Kg	☼	94	66 - 120	0	30
Fluoranthene	2.3		3.81	5.56		mg/Kg	☼	87	61 - 120	7	30
Pyrene	1.8		3.81	5.20		mg/Kg	☼	89	61 - 121	2	30
Benzidine	0.079	U	3.81	2.10		mg/Kg	☼	55	10 - 137	15	30
Butyl benzyl phthalate	0.018	U	3.81	3.66		mg/Kg	☼	96	62 - 127	2	30
Benzo[a]anthracene	1.0		3.81	4.61		mg/Kg	☼	95	62 - 120	4	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-267346-2 MSD

Matrix: Solid

Analysis Batch: 871889

Client Sample ID: B-04-C

Prep Type: Total/NA

Prep Batch: 871842

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chrysene	1.0		3.81	4.41		mg/Kg	☼	89	63 - 120	4	30
Bis(2-ethylhexyl) phthalate	0.020	U	3.81	3.55		mg/Kg	☼	93	59 - 125	2	30
Di-n-octyl phthalate	0.020	U	3.81	3.52		mg/Kg	☼	93	65 - 133	3	30
Benzo[b]fluoranthene	1.1		3.81	4.93		mg/Kg	☼	100	70 - 125	7	30
Benzo[k]fluoranthene	0.38		3.81	4.05		mg/Kg	☼	96	67 - 122	1	30
Benzo[a]pyrene	0.88		3.81	4.23		mg/Kg	☼	88	73 - 123	3	30
Indeno[1,2,3-cd]pyrene	0.60		3.81	3.77		mg/Kg	☼	83	62 - 130	4	30
Dibenz(a,h)anthracene	0.17		3.81	3.20		mg/Kg	☼	80	66 - 128	0	30
Benzo[g,h,i]perylene	0.47		3.81	3.08		mg/Kg	☼	69	66 - 120	0	30
1,2-Diphenylhydrazine	0.015	U	3.81	3.36		mg/Kg	☼	88	55 - 125	1	30
1,1'-Biphenyl	0.017	J	3.81	3.61		mg/Kg	☼	94	59 - 120	1	30
Acetophenone	0.019	U	3.81	2.96		mg/Kg	☼	78	61 - 120	1	30
Benzaldehyde	0.063	U	1.52	1.16		mg/Kg	☼	76	34 - 150	3	30
Caprolactam	0.059	U	1.52	1.62		mg/Kg	☼	107	36 - 150	0	30
Atrazine	0.022	U	1.52	1.65		mg/Kg	☼	108	29 - 150	2	30
2,2'-oxybis[1-chloropropane]	0.0069	U	3.81	2.62		mg/Kg	☼	69	49 - 126	0	30
1,2,4,5-Tetrachlorobenzene	0.012	U	3.81	3.65		mg/Kg	☼	96	60 - 120	1	30
2,3,4,6-Tetrachlorophenol	0.026	U	3.81	3.57		mg/Kg	☼	94	54 - 120	0	30
3,3'-Dichlorobenzidine	0.057	U	3.81	3.82		mg/Kg	☼	100	13 - 136	3	30
Bis(2-chloroethoxy)methane	0.030	U	3.81	3.07		mg/Kg	☼	81	62 - 120	1	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	69		16 - 125
Phenol-d5 (Surr)	66		23 - 120
Terphenyl-d14 (Surr)	80		25 - 126
2,4,6-Tribromophenol (Surr)	87		10 - 123
2-Fluorophenol (Surr)	64		18 - 123
2-Fluorobiphenyl	78		22 - 122

Lab Sample ID: MB 460-872055/1-A

Matrix: Solid

Analysis Batch: 872180

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 872055

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	0.012	U	0.33	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2-Chlorophenol	0.012	U	0.33	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4-Methylphenol	0.021	U	0.33	0.021	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2-Nitrophenol	0.033	U	0.33	0.033	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,4-Dimethylphenol	0.039	U	0.33	0.039	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,4-Dichlorophenol	0.021	U	0.13	0.021	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2-Methylphenol	0.012	U	0.33	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4-Chloro-3-methylphenol	0.019	U	0.33	0.019	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,4,6-Trichlorophenol	0.042	U	0.13	0.042	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,4,5-Trichlorophenol	0.034	U	0.33	0.034	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4-Nitrophenol	0.054	U	0.67	0.054	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4,6-Dinitro-2-methylphenol	0.14	U	0.27	0.14	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
N-Nitrosodimethylamine	0.031	U	0.33	0.031	mg/Kg		10/14/22 19:47	10/15/22 20:31	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-872055/1-A
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872055

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Pentachlorophenol	0.068	U	0.27	0.068	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Nitrobenzene	0.018	U	0.033	0.018	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4-Chloroaniline	0.059	U	0.33	0.059	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2-Nitroaniline	0.025	U	0.33	0.025	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Acenaphthylene	0.0095	U	0.33	0.0095	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
3-Nitroaniline	0.079	U	0.33	0.079	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Acenaphthene	0.0094	U	0.33	0.0094	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Dibenzofuran	0.011	U	0.33	0.011	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,4-Dinitrophenol	0.16	U	0.27	0.16	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Diethyl phthalate	0.011	U	0.33	0.011	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Fluorene	0.0097	U	0.33	0.0097	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
N-Nitrosodiphenylamine	0.027	U	0.33	0.027	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Di-n-butyl phthalate	0.012	U	0.33	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Benzidine	0.069	U	0.33	0.069	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
1,2-Diphenylhydrazine	0.013	U	0.33	0.013	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
1,1'-Biphenyl	0.012	U	0.33	0.012	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Acetophenone	0.016	U	0.33	0.016	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Benzaldehyde	0.055	U	0.33	0.055	mg/Kg		10/14/22 19:47	10/15/22 20:31	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-872055/1-A
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	0.051	U	0.33	0.051	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Atrazine	0.019	U	0.13	0.019	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
1,2,4,5-Tetrachlorobenzene	0.010	U	0.33	0.010	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
2,3,4,6-Tetrachlorophenol	0.022	U	0.33	0.022	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		10/14/22 19:47	10/15/22 20:31	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		10/14/22 19:47	10/15/22 20:31	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg				10/14/22 19:47	10/15/22 20:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	69		16 - 125	10/14/22 19:47	10/15/22 20:31	1
Phenol-d5 (Surr)	63		23 - 120	10/14/22 19:47	10/15/22 20:31	1
Terphenyl-d14 (Surr)	87		25 - 126	10/14/22 19:47	10/15/22 20:31	1
2,4,6-Tribromophenol (Surr)	83		10 - 123	10/14/22 19:47	10/15/22 20:31	1
2-Fluorophenol (Surr)	65		18 - 123	10/14/22 19:47	10/15/22 20:31	1
2-Fluorobiphenyl	85		22 - 122	10/14/22 19:47	10/15/22 20:31	1

Lab Sample ID: LCS 460-872055/2-A
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Phenol	3.33	2.58		mg/Kg		77	63 - 120
2-Chlorophenol	3.33	2.57		mg/Kg		77	63 - 120
4-Methylphenol	3.33	2.47		mg/Kg		74	61 - 120
2-Nitrophenol	3.33	3.00		mg/Kg		90	64 - 120
2,4-Dimethylphenol	3.33	2.71		mg/Kg		81	67 - 120
2,4-Dichlorophenol	3.33	2.99		mg/Kg		90	66 - 120
2-Methylphenol	3.33	2.49		mg/Kg		75	63 - 120
4-Chloro-3-methylphenol	3.33	2.94		mg/Kg		88	66 - 120
2,4,6-Trichlorophenol	3.33	3.17		mg/Kg		95	58 - 120
2,4,5-Trichlorophenol	3.33	3.07		mg/Kg		92	59 - 120
2,4-Dinitrotoluene	3.33	3.47		mg/Kg		104	65 - 124
4-Nitrophenol	6.67	4.64		mg/Kg		70	52 - 123
4,6-Dinitro-2-methylphenol	6.67	7.05		mg/Kg		106	50 - 136
N-Nitrosodimethylamine	3.33	2.16		mg/Kg		65	57 - 120
Pentachlorophenol	6.67	5.65		mg/Kg		85	37 - 126
Bis(2-chloroethyl)ether	3.33	2.35		mg/Kg		70	60 - 120
N-Nitrosodi-n-propylamine	3.33	2.37		mg/Kg		71	61 - 120
Hexachloroethane	3.33	2.57		mg/Kg		77	61 - 120
Nitrobenzene	3.33	2.66		mg/Kg		80	63 - 120
Isophorone	3.33	2.68		mg/Kg		80	67 - 120
Naphthalene	3.33	2.87		mg/Kg		86	63 - 120
4-Chloroaniline	3.33	2.54		mg/Kg		76	15 - 128
Hexachlorobutadiene	3.33	3.13		mg/Kg		94	62 - 120
2-Methylnaphthalene	3.33	2.58		mg/Kg		77	64 - 120

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-872055/2-A

Matrix: Solid

Analysis Batch: 872180

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 872055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorocyclopentadiene	3.33	2.39		mg/Kg		72	38 - 120
2-Chloronaphthalene	3.33	3.01		mg/Kg		90	60 - 120
2-Nitroaniline	3.33	2.39		mg/Kg		72	48 - 120
Dimethyl phthalate	3.33	3.11		mg/Kg		93	65 - 120
Acenaphthylene	3.33	2.85		mg/Kg		86	64 - 120
2,6-Dinitrotoluene	3.33	3.42		mg/Kg		103	67 - 121
3-Nitroaniline	3.33	2.87		mg/Kg		86	39 - 122
Acenaphthene	3.33	3.07		mg/Kg		92	49 - 120
Dibenzofuran	3.33	3.12		mg/Kg		93	61 - 120
2,4-Dinitrophenol	6.67	6.50		mg/Kg		98	36 - 129
Diethyl phthalate	3.33	3.23		mg/Kg		97	63 - 120
4-Chlorophenyl phenyl ether	3.33	3.21		mg/Kg		96	62 - 120
Fluorene	3.33	3.08		mg/Kg		92	60 - 120
4-Nitroaniline	3.33	2.82		mg/Kg		85	55 - 120
N-Nitrosodiphenylamine	3.33	2.90		mg/Kg		87	63 - 120
4-Bromophenyl phenyl ether	3.33	2.99		mg/Kg		90	67 - 120
Hexachlorobenzene	3.33	2.78		mg/Kg		83	66 - 120
Phenanthrene	3.33	2.94		mg/Kg		88	66 - 120
Anthracene	3.33	2.93		mg/Kg		88	67 - 120
Carbazole	3.33	2.87		mg/Kg		86	64 - 120
Di-n-butyl phthalate	3.33	3.06		mg/Kg		92	66 - 120
Fluoranthene	3.33	3.01		mg/Kg		90	61 - 120
Pyrene	3.33	3.01		mg/Kg		90	61 - 121
Benzidine	3.33	2.08		mg/Kg		63	10 - 137
Butyl benzyl phthalate	3.33	3.13		mg/Kg		94	62 - 127
Benzo[a]anthracene	3.33	3.08		mg/Kg		92	62 - 120
Chrysene	3.33	3.10		mg/Kg		93	63 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.13		mg/Kg		94	59 - 125
Di-n-octyl phthalate	3.33	3.29		mg/Kg		99	65 - 133
Benzo[b]fluoranthene	3.33	3.62		mg/Kg		109	70 - 125
Benzo[k]fluoranthene	3.33	3.24		mg/Kg		97	67 - 122
Benzo[a]pyrene	3.33	3.22		mg/Kg		97	73 - 123
Indeno[1,2,3-cd]pyrene	3.33	3.14		mg/Kg		94	62 - 130
Dibenz(a,h)anthracene	3.33	3.31		mg/Kg		99	66 - 128
Benzo[g,h,i]perylene	3.33	2.94		mg/Kg		88	66 - 120
1,2-Diphenylhydrazine	3.33	2.58		mg/Kg		77	55 - 125
1,1'-Biphenyl	3.33	2.97		mg/Kg		89	59 - 120
Acetophenone	3.33	2.55		mg/Kg		76	61 - 120
Benzaldehyde	1.33	1.01		mg/Kg		76	34 - 150
Caprolactam	1.33	1.40		mg/Kg		105	36 - 150
Atrazine	1.33	1.39		mg/Kg		104	29 - 150
2,2'-oxybis[1-chloropropane]	3.33	2.30		mg/Kg		69	49 - 126
1,2,4,5-Tetrachlorobenzene	3.33	3.16		mg/Kg		95	60 - 120
2,3,4,6-Tetrachlorophenol	3.33	3.22		mg/Kg		97	54 - 120
3,3'-Dichlorobenzidine	3.33	2.96		mg/Kg		89	13 - 136
Bis(2-chloroethoxy)methane	3.33	2.49		mg/Kg		75	62 - 120

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-872055/2-A
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872055

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	75		16 - 125
Phenol-d5 (Surr)	70		23 - 120
Terphenyl-d14 (Surr)	84		25 - 126
2,4,6-Tribromophenol (Surr)	83		10 - 123
2-Fluorophenol (Surr)	70		18 - 123
2-Fluorobiphenyl	85		22 - 122

Lab Sample ID: LCSD 460-872055/3-A
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872055

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	RPD Limit
							Limits	RPD		
Phenol	3.33	2.61		mg/Kg		78	63 - 120	1	30	
2-Chlorophenol	3.33	2.64		mg/Kg		79	63 - 120	3	30	
4-Methylphenol	3.33	2.54		mg/Kg		76	61 - 120	3	30	
2-Nitrophenol	3.33	3.09		mg/Kg		93	64 - 120	3	30	
2,4-Dimethylphenol	3.33	2.82		mg/Kg		85	67 - 120	4	30	
2,4-Dichlorophenol	3.33	3.14		mg/Kg		94	66 - 120	5	30	
2-Methylphenol	3.33	2.57		mg/Kg		77	63 - 120	3	30	
4-Chloro-3-methylphenol	3.33	3.07		mg/Kg		92	66 - 120	5	30	
2,4,6-Trichlorophenol	3.33	3.33		mg/Kg		100	58 - 120	5	30	
2,4,5-Trichlorophenol	3.33	3.21		mg/Kg		96	59 - 120	4	30	
2,4-Dinitrotoluene	3.33	3.63		mg/Kg		109	65 - 124	4	30	
4-Nitrophenol	6.67	5.78		mg/Kg		87	52 - 123	22	30	
4,6-Dinitro-2-methylphenol	6.67	7.34		mg/Kg		110	50 - 136	4	30	
N-Nitrosodimethylamine	3.33	2.18		mg/Kg		65	57 - 120	1	30	
Pentachlorophenol	6.67	6.01		mg/Kg		90	37 - 126	6	30	
Bis(2-chloroethyl)ether	3.33	2.43		mg/Kg		73	60 - 120	3	30	
N-Nitrosodi-n-propylamine	3.33	2.40		mg/Kg		72	61 - 120	1	30	
Hexachloroethane	3.33	2.65		mg/Kg		79	61 - 120	3	30	
Nitrobenzene	3.33	2.79		mg/Kg		84	63 - 120	5	30	
Isophorone	3.33	2.75		mg/Kg		82	67 - 120	3	30	
Naphthalene	3.33	2.93		mg/Kg		88	63 - 120	2	30	
4-Chloroaniline	3.33	2.68		mg/Kg		80	15 - 128	5	30	
Hexachlorobutadiene	3.33	3.27		mg/Kg		98	62 - 120	4	30	
2-Methylnaphthalene	3.33	2.68		mg/Kg		80	64 - 120	4	30	
Hexachlorocyclopentadiene	3.33	2.45		mg/Kg		73	38 - 120	2	30	
2-Chloronaphthalene	3.33	3.10		mg/Kg		93	60 - 120	3	30	
2-Nitroaniline	3.33	2.45		mg/Kg		73	48 - 120	2	30	
Dimethyl phthalate	3.33	3.29		mg/Kg		99	65 - 120	6	30	
Acenaphthylene	3.33	2.98		mg/Kg		89	64 - 120	4	30	
2,6-Dinitrotoluene	3.33	3.69		mg/Kg		111	67 - 121	7	30	
3-Nitroaniline	3.33	3.04		mg/Kg		91	39 - 122	6	30	
Acenaphthene	3.33	3.15		mg/Kg		95	49 - 120	3	30	
Dibenzofuran	3.33	3.21		mg/Kg		96	61 - 120	3	30	
2,4-Dinitrophenol	6.67	6.70		mg/Kg		101	36 - 129	3	30	
Diethyl phthalate	3.33	3.33		mg/Kg		100	63 - 120	3	30	
4-Chlorophenyl phenyl ether	3.33	3.36		mg/Kg		101	62 - 120	5	30	

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-872055/3-A
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872055

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene	3.33	3.23		mg/Kg		97	60 - 120	5	30
4-Nitroaniline	3.33	2.99		mg/Kg		90	55 - 120	6	30
N-Nitrosodiphenylamine	3.33	2.97		mg/Kg		89	63 - 120	2	30
4-Bromophenyl phenyl ether	3.33	3.06		mg/Kg		92	67 - 120	2	30
Hexachlorobenzene	3.33	2.91		mg/Kg		87	66 - 120	4	30
Phenanthrene	3.33	3.04		mg/Kg		91	66 - 120	3	30
Anthracene	3.33	3.10		mg/Kg		93	67 - 120	5	30
Carbazole	3.33	3.03		mg/Kg		91	64 - 120	6	30
Di-n-butyl phthalate	3.33	3.20		mg/Kg		96	66 - 120	4	30
Fluoranthene	3.33	3.14		mg/Kg		94	61 - 120	4	30
Pyrene	3.33	3.15		mg/Kg		95	61 - 121	5	30
Benzidine	3.33	2.28		mg/Kg		68	10 - 137	9	30
Butyl benzyl phthalate	3.33	3.31		mg/Kg		99	62 - 127	6	30
Benzo[a]anthracene	3.33	3.31		mg/Kg		99	62 - 120	7	30
Chrysene	3.33	3.06		mg/Kg		92	63 - 120	1	30
Bis(2-ethylhexyl) phthalate	3.33	3.30		mg/Kg		99	59 - 125	5	30
Di-n-octyl phthalate	3.33	3.46		mg/Kg		104	65 - 133	5	30
Benzo[b]fluoranthene	3.33	3.53		mg/Kg		106	70 - 125	2	30
Benzo[k]fluoranthene	3.33	3.50		mg/Kg		105	67 - 122	8	30
Benzo[a]pyrene	3.33	3.22		mg/Kg		96	73 - 123	0	30
Indeno[1,2,3-cd]pyrene	3.33	2.86		mg/Kg		86	62 - 130	9	30
Dibenz(a,h)anthracene	3.33	3.25		mg/Kg		98	66 - 128	2	30
Benzo[g,h,i]perylene	3.33	3.02		mg/Kg		91	66 - 120	3	30
1,2-Diphenylhydrazine	3.33	2.69		mg/Kg		81	55 - 125	4	30
1,1'-Biphenyl	3.33	3.09		mg/Kg		93	59 - 120	4	30
Acetophenone	3.33	2.61		mg/Kg		78	61 - 120	3	30
Benzaldehyde	1.33	1.09		mg/Kg		82	34 - 150	8	30
Caprolactam	1.33	1.56		mg/Kg		117	36 - 150	11	30
Atrazine	1.33	1.56		mg/Kg		117	29 - 150	12	30
2,2'-oxybis[1-chloropropane]	3.33	2.34		mg/Kg		70	49 - 126	2	30
1,2,4,5-Tetrachlorobenzene	3.33	3.21		mg/Kg		96	60 - 120	2	30
2,3,4,6-Tetrachlorophenol	3.33	3.39		mg/Kg		102	54 - 120	5	30
3,3'-Dichlorobenzidine	3.33	3.22		mg/Kg		97	13 - 136	9	30
Bis(2-chloroethoxy)methane	3.33	2.59		mg/Kg		78	62 - 120	4	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	78		16 - 125
Phenol-d5 (Surr)	69		23 - 120
Terphenyl-d14 (Surr)	91		25 - 126
2,4,6-Tribromophenol (Surr)	87		10 - 123
2-Fluorophenol (Surr)	71		18 - 123
2-Fluorobiphenyl	88		22 - 122

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-267429-E-1-B MS

Matrix: Solid

Analysis Batch: 872180

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 872055

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Phenol	0.014	U F1 F2	3.78	1.92	F1	mg/Kg	*	51	63 - 120	
2-Chlorophenol	0.013	U F1 F2	3.78	1.80	F1	mg/Kg	*	48	63 - 120	
4-Methylphenol	0.023	U F1	3.78	2.01	F1	mg/Kg	*	53	61 - 120	
2-Nitrophenol	0.038	U F1 F2	3.78	2.28	F1	mg/Kg	*	60	64 - 120	
2,4-Dimethylphenol	0.045	U F1	3.78	2.25	F1	mg/Kg	*	60	67 - 120	
2,4-Dichlorophenol	0.024	U F1	3.78	2.47	F1	mg/Kg	*	65	66 - 120	
2-Methylphenol	0.014	U F1	3.78	1.97	F1	mg/Kg	*	52	63 - 120	
4-Chloro-3-methylphenol	0.021	U	3.78	2.65		mg/Kg	*	70	66 - 120	
2,4,6-Trichlorophenol	0.048	U	3.78	2.80		mg/Kg	*	74	58 - 120	
2,4,5-Trichlorophenol	0.038	U	3.78	2.86		mg/Kg	*	76	59 - 120	
2,4-Dinitrotoluene	0.040	U	3.78	3.22		mg/Kg	*	85	65 - 124	
4-Nitrophenol	0.061	U	7.56	5.28		mg/Kg	*	70	52 - 123	
4,6-Dinitro-2-methylphenol	0.15	U	7.56	4.54		mg/Kg	*	60	50 - 136	
N-Nitrosodimethylamine	0.035	U F1 F2	3.78	1.19	F1	mg/Kg	*	31	57 - 120	
Pentachlorophenol	0.077	U	7.56	5.40		mg/Kg	*	71	37 - 126	
Bis(2-chloroethyl)ether	0.013	U F1 F2	3.78	1.56	F1	mg/Kg	*	41	60 - 120	
N-Nitrosodi-n-propylamine	0.027	U F1	3.78	1.93	F1	mg/Kg	*	51	61 - 120	
Hexachloroethane	0.013	U F1 F2	3.78	1.47	F1	mg/Kg	*	39	61 - 120	
Nitrobenzene	0.021	U F1 F2	3.78	2.02	F1	mg/Kg	*	53	63 - 120	
Isophorone	0.11	U F1	3.78	2.28	F1	mg/Kg	*	60	67 - 120	
Naphthalene	0.0065	U F1 F2	3.78	2.19	F1	mg/Kg	*	58	63 - 120	
4-Chloroaniline	0.067	U	3.78	2.24		mg/Kg	*	59	15 - 128	
Hexachlorobutadiene	0.0080	U F1 F2	3.78	2.17	F1	mg/Kg	*	57	62 - 120	
2-Methylnaphthalene	0.011	U F1	3.78	2.16	F1	mg/Kg	*	57	64 - 120	
Hexachlorocyclopentadiene	0.033	U F1 F2	3.78	1.07	F1	mg/Kg	*	28	38 - 120	
2-Chloronaphthalene	0.017	U	3.78	2.55		mg/Kg	*	67	60 - 120	
2-Nitroaniline	0.029	U	3.78	2.17		mg/Kg	*	57	48 - 120	
Dimethyl phthalate	0.085	U	3.78	2.89		mg/Kg	*	76	65 - 120	
Acenaphthylene	0.011	U	3.78	2.54		mg/Kg	*	67	64 - 120	
2,6-Dinitrotoluene	0.027	U	3.78	3.07		mg/Kg	*	81	67 - 121	
3-Nitroaniline	0.089	U	3.78	2.71		mg/Kg	*	72	39 - 122	
Acenaphthene	0.011	U	3.78	2.70		mg/Kg	*	72	49 - 120	
Dibenzofuran	0.013	U	3.78	2.76		mg/Kg	*	73	61 - 120	
2,4-Dinitrophenol	0.18	U	7.56	3.67		mg/Kg	*	49	36 - 129	
Diethyl phthalate	0.012	U	3.78	2.98		mg/Kg	*	79	63 - 120	
4-Chlorophenyl phenyl ether	0.013	U	3.78	2.93		mg/Kg	*	77	62 - 120	
Fluorene	0.011	U	3.78	2.82		mg/Kg	*	75	60 - 120	
4-Nitroaniline	0.043	U	3.78	2.61		mg/Kg	*	69	55 - 120	
N-Nitrosodiphenylamine	0.031	U	3.78	2.72		mg/Kg	*	72	63 - 120	
4-Bromophenyl phenyl ether	0.015	U	3.78	2.78		mg/Kg	*	73	67 - 120	
Hexachlorobenzene	0.018	U	3.78	2.68		mg/Kg	*	71	66 - 120	
Phenanthrene	0.0066	U	3.78	2.77		mg/Kg	*	73	66 - 120	
Anthracene	0.011	U	3.78	2.81		mg/Kg	*	74	67 - 120	
Carbazole	0.014	U	3.78	2.75		mg/Kg	*	73	64 - 120	
Di-n-butyl phthalate	0.014	U	3.78	2.96		mg/Kg	*	78	66 - 120	
Fluoranthene	0.017	J	3.78	2.88		mg/Kg	*	76	61 - 120	
Pyrene	0.016	J	3.78	2.90		mg/Kg	*	76	61 - 121	
Benzidine	0.079	U	3.78	1.92		mg/Kg	*	51	10 - 137	

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-267429-E-1-B MS
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872055

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Butyl benzyl phthalate	0.018	U	3.78	3.11		mg/Kg	☼	82		62 - 127
Benzo[a]anthracene	0.013	U	3.78	3.04		mg/Kg	☼	80		62 - 120
Chrysene	0.0063	U	3.78	2.96		mg/Kg	☼	78		63 - 120
Bis(2-ethylhexyl) phthalate	0.020	U	3.78	3.08		mg/Kg	☼	82		59 - 125
Di-n-octyl phthalate	0.020	U	3.78	3.18		mg/Kg	☼	84		65 - 133
Benzo[b]fluoranthene	0.0097	U	3.78	3.27		mg/Kg	☼	87		70 - 125
Benzo[k]fluoranthene	0.0074	U	3.78	3.29		mg/Kg	☼	87		67 - 122
Benzo[a]pyrene	0.014	J	3.78	3.08		mg/Kg	☼	81		73 - 123
Indeno[1,2,3-cd]pyrene	0.015	U	3.78	2.57		mg/Kg	☼	68		62 - 130
Dibenz(a,h)anthracene	0.016	U	3.78	3.17		mg/Kg	☼	84		66 - 128
Benzo[g,h,i]perylene	0.011	U F1	3.78	2.48	F1	mg/Kg	☼	65		66 - 120
1,2-Diphenylhydrazine	0.015	U	3.78	2.42		mg/Kg	☼	64		55 - 125
1,1'-Biphenyl	0.013	U	3.78	2.55		mg/Kg	☼	68		59 - 120
Acetophenone	0.018	U F1 F2	3.78	1.97	F1	mg/Kg	☼	52		61 - 120
Benzaldehyde	0.062	U F2	1.51	0.547		mg/Kg	☼	36		34 - 150
Caprolactam	0.058	U	1.51	1.37		mg/Kg	☼	90		36 - 150
Atrazine	0.022	U	1.51	1.30		mg/Kg	☼	86		29 - 150
2,2'-oxybis[1-chloropropane]	0.0068	U F1 F2	3.78	1.58	F1	mg/Kg	☼	42		49 - 126
1,2,4,5-Tetrachlorobenzene	0.012	U	3.78	2.61		mg/Kg	☼	69		60 - 120
2,3,4,6-Tetrachlorophenol	0.025	U	3.78	2.96		mg/Kg	☼	78		54 - 120
3,3'-Dichlorobenzidine	0.057	U	3.78	2.94		mg/Kg	☼	78		13 - 136
Bis(2-chloroethoxy)methane	0.029	U F1	3.78	1.99	F1	mg/Kg	☼	53		62 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	50		16 - 125
Phenol-d5 (Surr)	46		23 - 120
Terphenyl-d14 (Surr)	71		25 - 126
2,4,6-Tribromophenol (Surr)	67		10 - 123
2-Fluorophenol (Surr)	36		18 - 123
2-Fluorobiphenyl	63		22 - 122

Lab Sample ID: 460-267429-E-1-C MSD
Matrix: Solid
Analysis Batch: 872180

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 872055

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Phenol	0.014	U F1 F2	3.78	2.72	F2	mg/Kg	☼	72		63 - 120	35	30
2-Chlorophenol	0.013	U F1 F2	3.78	2.77	F2	mg/Kg	☼	73		63 - 120	42	30
4-Methylphenol	0.023	U F1	3.78	2.71		mg/Kg	☼	72		61 - 120	30	30
2-Nitrophenol	0.038	U F1 F2	3.78	3.17	F2	mg/Kg	☼	84		64 - 120	33	30
2,4-Dimethylphenol	0.045	U F1	3.78	2.90		mg/Kg	☼	77		67 - 120	25	30
2,4-Dichlorophenol	0.024	U F1	3.78	3.16		mg/Kg	☼	84		66 - 120	24	30
2-Methylphenol	0.014	U F1	3.78	2.62		mg/Kg	☼	69		63 - 120	28	30
4-Chloro-3-methylphenol	0.021	U	3.78	3.15		mg/Kg	☼	83		66 - 120	17	30
2,4,6-Trichlorophenol	0.048	U	3.78	3.29		mg/Kg	☼	87		58 - 120	16	30
2,4,5-Trichlorophenol	0.038	U	3.78	3.21		mg/Kg	☼	85		59 - 120	11	30
2,4-Dinitrotoluene	0.040	U	3.78	3.56		mg/Kg	☼	94		65 - 124	10	30
4-Nitrophenol	0.061	U	7.56	6.05		mg/Kg	☼	80		52 - 123	14	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-267429-E-1-C MSD

Matrix: Solid

Analysis Batch: 872180

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 872055

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
4,6-Dinitro-2-methylphenol	0.15	U	7.56	5.40		mg/Kg	✱	72	50 - 136	17	30
N-Nitrosodimethylamine	0.035	U F1 F2	3.78	2.19	F2	mg/Kg	✱	58	57 - 120	59	30
Pentachlorophenol	0.077	U	7.56	6.14		mg/Kg	✱	81	37 - 126	13	30
Bis(2-chloroethyl)ether	0.013	U F1 F2	3.78	2.49	F2	mg/Kg	✱	66	60 - 120	46	30
N-Nitrosodi-n-propylamine	0.027	U F1	3.78	2.60		mg/Kg	✱	69	61 - 120	29	30
Hexachloroethane	0.013	U F1 F2	3.78	2.72	F2	mg/Kg	✱	72	61 - 120	60	30
Nitrobenzene	0.021	U F1 F2	3.78	2.84	F2	mg/Kg	✱	75	63 - 120	34	30
Isophorone	0.11	U F1	3.78	2.82		mg/Kg	✱	75	67 - 120	21	30
Naphthalene	0.0065	U F1 F2	3.78	2.97	F2	mg/Kg	✱	79	63 - 120	31	30
4-Chloroaniline	0.067	U	3.78	2.76		mg/Kg	✱	73	15 - 128	21	30
Hexachlorobutadiene	0.0080	U F1 F2	3.78	3.23	F2	mg/Kg	✱	86	62 - 120	39	30
2-Methylnaphthalene	0.011	U F1	3.78	2.74		mg/Kg	✱	73	64 - 120	24	30
Hexachlorocyclopentadiene	0.033	U F1 F2	3.78	1.54	F2	mg/Kg	✱	41	38 - 120	36	30
2-Chloronaphthalene	0.017	U	3.78	3.11		mg/Kg	✱	82	60 - 120	20	30
2-Nitroaniline	0.029	U	3.78	2.48		mg/Kg	✱	66	48 - 120	13	30
Dimethyl phthalate	0.085	U	3.78	3.23		mg/Kg	✱	85	65 - 120	11	30
Acenaphthylene	0.011	U	3.78	2.96		mg/Kg	✱	78	64 - 120	15	30
2,6-Dinitrotoluene	0.027	U	3.78	3.56		mg/Kg	✱	94	67 - 121	15	30
3-Nitroaniline	0.089	U	3.78	3.05		mg/Kg	✱	81	39 - 122	12	30
Acenaphthene	0.011	U	3.78	3.17		mg/Kg	✱	84	49 - 120	16	30
Dibenzofuran	0.013	U	3.78	3.22		mg/Kg	✱	85	61 - 120	16	30
2,4-Dinitrophenol	0.18	U	7.56	4.42		mg/Kg	✱	58	36 - 129	18	30
Diethyl phthalate	0.012	U	3.78	3.28		mg/Kg	✱	87	63 - 120	9	30
4-Chlorophenyl phenyl ether	0.013	U	3.78	3.27		mg/Kg	✱	86	62 - 120	11	30
Fluorene	0.011	U	3.78	3.18		mg/Kg	✱	84	60 - 120	12	30
4-Nitroaniline	0.043	U	3.78	2.96		mg/Kg	✱	78	55 - 120	13	30
N-Nitrosodiphenylamine	0.031	U	3.78	3.06		mg/Kg	✱	81	63 - 120	12	30
4-Bromophenyl phenyl ether	0.015	U	3.78	3.14		mg/Kg	✱	83	67 - 120	12	30
Hexachlorobenzene	0.018	U	3.78	2.94		mg/Kg	✱	78	66 - 120	9	30
Phenanthrene	0.0066	U	3.78	3.10		mg/Kg	✱	82	66 - 120	11	30
Anthracene	0.011	U	3.78	3.11		mg/Kg	✱	82	67 - 120	10	30
Carbazole	0.014	U	3.78	3.06		mg/Kg	✱	81	64 - 120	11	30
Di-n-butyl phthalate	0.014	U	3.78	3.29		mg/Kg	✱	87	66 - 120	10	30
Fluoranthene	0.017	J	3.78	3.20		mg/Kg	✱	84	61 - 120	11	30
Pyrene	0.016	J	3.78	3.21		mg/Kg	✱	85	61 - 121	10	30
Benzidine	0.079	U	3.78	2.59		mg/Kg	✱	69	10 - 137	30	30
Butyl benzyl phthalate	0.018	U	3.78	3.37		mg/Kg	✱	89	62 - 127	8	30
Benzo[a]anthracene	0.013	U	3.78	3.33		mg/Kg	✱	88	62 - 120	9	30
Chrysene	0.0063	U	3.78	3.27		mg/Kg	✱	87	63 - 120	10	30
Bis(2-ethylhexyl) phthalate	0.020	U	3.78	3.40		mg/Kg	✱	90	59 - 125	10	30
Di-n-octyl phthalate	0.020	U	3.78	3.51		mg/Kg	✱	93	65 - 133	10	30
Benzo[b]fluoranthene	0.0097	U	3.78	3.62		mg/Kg	✱	96	70 - 125	10	30
Benzo[k]fluoranthene	0.0074	U	3.78	3.62		mg/Kg	✱	96	67 - 122	10	30
Benzo[a]pyrene	0.014	J	3.78	3.42		mg/Kg	✱	90	73 - 123	10	30
Indeno[1,2,3-cd]pyrene	0.015	U	3.78	3.27		mg/Kg	✱	87	62 - 130	24	30
Dibenz(a,h)anthracene	0.016	U	3.78	3.62		mg/Kg	✱	96	66 - 128	13	30
Benzo[g,h,i]perylene	0.011	U F1	3.78	2.78		mg/Kg	✱	74	66 - 120	12	30
1,2-Diphenylhydrazine	0.015	U	3.78	2.71		mg/Kg	✱	72	55 - 125	11	30
1,1'-Biphenyl	0.013	U	3.78	3.09		mg/Kg	✱	82	59 - 120	19	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-267429-E-1-C MSD

Matrix: Solid

Analysis Batch: 872180

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 872055

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetophenone	0.018	U F1 F2	3.78	2.72	F2	mg/Kg	☼	72	61 - 120	32	30
Benzaldehyde	0.062	U F2	1.51	1.23	E F2	mg/Kg	☼	81	34 - 150	77	30
Caprolactam	0.058	U	1.51	1.80		mg/Kg	☼	119	36 - 150	27	30
Atrazine	0.022	U	1.51	1.70		mg/Kg	☼	112	29 - 150	26	30
2,2'-oxybis[1-chloropropane]	0.0068	U F1 F2	3.78	2.40	F2	mg/Kg	☼	64	49 - 126	41	30
1,2,4,5-Tetrachlorobenzene	0.012	U	3.78	3.25		mg/Kg	☼	86	60 - 120	22	30
2,3,4,6-Tetrachlorophenol	0.025	U	3.78	3.29		mg/Kg	☼	87	54 - 120	11	30
3,3'-Dichlorobenzidine	0.057	U	3.78	3.35		mg/Kg	☼	89	13 - 136	13	30
Bis(2-chloroethoxy)methane	0.029	U F1	3.78	2.62		mg/Kg	☼	69	62 - 120	27	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	69		16 - 125
Phenol-d5 (Surr)	65		23 - 120
Terphenyl-d14 (Surr)	80		25 - 126
2,4,6-Tribromophenol (Surr)	77		10 - 123
2-Fluorophenol (Surr)	64		18 - 123
2-Fluorobiphenyl	79		22 - 122

Lab Sample ID: MB 460-872220/1-A

Matrix: Solid

Analysis Batch: 872265

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 872220

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/16/22 10:30	10/16/22 17:28	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 17:28	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 17:28	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 17:28	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 17:28	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/16/22 10:30	10/16/22 17:28	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/16/22 10:30	10/16/22 17:28	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/16/22 10:30	10/16/22 17:28	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/16/22 10:30	10/16/22 17:28	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/16/22 10:30	10/16/22 17:28	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/16/22 10:30	10/16/22 17:28	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/16/22 10:30	10/16/22 17:28	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	76		52 - 137	10/16/22 10:30	10/16/22 17:28	1
Phenol-d5 (Surr)	22		10 - 56	10/16/22 10:30	10/16/22 17:28	1
Terphenyl-d14 (Surr)	43		22 - 150	10/16/22 10:30	10/16/22 17:28	1
2,4,6-Tribromophenol (Surr)	58		37 - 150	10/16/22 10:30	10/16/22 17:28	1
2-Fluorophenol (Surr)	33		19 - 80	10/16/22 10:30	10/16/22 17:28	1
2-Fluorobiphenyl	80		46 - 139	10/16/22 10:30	10/16/22 17:28	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-872220/2-A
Matrix: Solid
Analysis Batch: 872265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	0.0800	0.0370		mg/L		46	35 - 120
2-Methylphenol	0.0800	0.0422		mg/L		53	44 - 120
2,4,6-Trichlorophenol	0.0800	0.0572		mg/L		71	61 - 120
3 & 4 Methylphenol	0.0800	0.0381		mg/L		48	35 - 120
2,4,5-Trichlorophenol	0.0800	0.0588		mg/L		73	58 - 120
2,4-Dinitrotoluene	0.0800	0.0630		mg/L		79	68 - 134
Pentachlorophenol	0.160	0.116		mg/L		73	24 - 131
Pyridine	0.160	0.0420		mg/L		26	10 - 120
Hexachloroethane	0.0800	0.0350		mg/L		44	26 - 120
Nitrobenzene	0.0800	0.0589		mg/L		74	64 - 120
Hexachlorobutadiene	0.0800	0.0383		mg/L		48	27 - 127
Hexachlorobenzene	0.0800	0.0581		mg/L		73	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	86		52 - 137
Phenol-d5 (Surr)	32		10 - 56
Terphenyl-d14 (Surr)	53		22 - 150
2,4,6-Tribromophenol (Surr)	80		37 - 150
2-Fluorophenol (Surr)	43		19 - 80
2-Fluorobiphenyl	87		46 - 139

Lab Sample ID: LCSD 460-872220/3-A
Matrix: Solid
Analysis Batch: 872265

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
1,4-Dichlorobenzene	0.0800	0.0378		mg/L		47	35 - 120	2	30
2-Methylphenol	0.0800	0.0413		mg/L		52	44 - 120	2	30
2,4,6-Trichlorophenol	0.0800	0.0585		mg/L		73	61 - 120	2	30
3 & 4 Methylphenol	0.0800	0.0376		mg/L		47	35 - 120	1	30
2,4,5-Trichlorophenol	0.0800	0.0577		mg/L		72	58 - 120	2	30
2,4-Dinitrotoluene	0.0800	0.0628		mg/L		79	68 - 134	0	30
Pentachlorophenol	0.160	0.117		mg/L		73	24 - 131	0	30
Pyridine	0.160	0.0445		mg/L		28	10 - 120	6	30
Hexachloroethane	0.0800	0.0363		mg/L		45	26 - 120	4	30
Nitrobenzene	0.0800	0.0578		mg/L		72	64 - 120	2	30
Hexachlorobutadiene	0.0800	0.0382		mg/L		48	27 - 127	0	30
Hexachlorobenzene	0.0800	0.0590		mg/L		74	61 - 128	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	85		52 - 137
Phenol-d5 (Surr)	31		10 - 56
Terphenyl-d14 (Surr)	55		22 - 150
2,4,6-Tribromophenol (Surr)	83		37 - 150
2-Fluorophenol (Surr)	44		19 - 80
2-Fluorobiphenyl	86		46 - 139

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-872487/1-A
Matrix: Solid
Analysis Batch: 872561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872487

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/17/22 21:26	10/18/22 08:56	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 08:56	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 08:56	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/17/22 21:26	10/18/22 08:56	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/17/22 21:26	10/18/22 08:56	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/17/22 21:26	10/18/22 08:56	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/17/22 21:26	10/18/22 08:56	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/17/22 21:26	10/18/22 08:56	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/17/22 21:26	10/18/22 08:56	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/17/22 21:26	10/18/22 08:56	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/17/22 21:26	10/18/22 08:56	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/17/22 21:26	10/18/22 08:56	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	124		52 - 137	10/17/22 21:26	10/18/22 08:56	1
Phenol-d5 (Surr)	40		10 - 56	10/17/22 21:26	10/18/22 08:56	1
Terphenyl-d14 (Surr)	139		22 - 150	10/17/22 21:26	10/18/22 08:56	1
2,4,6-Tribromophenol (Surr)	134		37 - 150	10/17/22 21:26	10/18/22 08:56	1
2-Fluorophenol (Surr)	60		19 - 80	10/17/22 21:26	10/18/22 08:56	1
2-Fluorobiphenyl	133		46 - 139	10/17/22 21:26	10/18/22 08:56	1

Lab Sample ID: LCS 460-872487/2-A
Matrix: Solid
Analysis Batch: 872561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872487

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
1,4-Dichlorobenzene	0.0800	0.0371		mg/L		46	35 - 120
2-Methylphenol	0.0800	0.0518		mg/L		65	44 - 120
2,4,6-Trichlorophenol	0.0800	0.0770		mg/L		96	61 - 120
3 & 4 Methylphenol	0.0800	0.0479		mg/L		60	35 - 120
2,4,5-Trichlorophenol	0.0800	0.0795		mg/L		99	58 - 120
2,4-Dinitrotoluene	0.0800	0.0792		mg/L		99	68 - 134
Pentachlorophenol	0.160	0.152		mg/L		95	24 - 131
Pyridine	0.160	0.0611		mg/L		38	10 - 120
Hexachloroethane	0.0800	0.0344		mg/L		43	26 - 120
Nitrobenzene	0.0800	0.0727		mg/L		91	64 - 120
Hexachlorobutadiene	0.0800	0.0395		mg/L		49	27 - 127
Hexachlorobenzene	0.0800	0.0741		mg/L		93	61 - 128

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	82		52 - 137
Phenol-d5 (Surr)	27		10 - 56
Terphenyl-d14 (Surr)	88		22 - 150
2,4,6-Tribromophenol (Surr)	89		37 - 150
2-Fluorophenol (Surr)	41		19 - 80
2-Fluorobiphenyl	76		46 - 139

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-872487/3-A

Matrix: Solid

Analysis Batch: 872561

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 872487

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
1,4-Dichlorobenzene	0.0800	0.0388		mg/L		49	35 - 120	5	30	
2-Methylphenol	0.0800	0.0541		mg/L		68	44 - 120	4	30	
2,4,6-Trichlorophenol	0.0800	0.0800		mg/L		100	61 - 120	4	30	
3 & 4 Methylphenol	0.0800	0.0477		mg/L		60	35 - 120	1	30	
2,4,5-Trichlorophenol	0.0800	0.0814		mg/L		102	58 - 120	2	30	
2,4-Dinitrotoluene	0.0800	0.0837		mg/L		105	68 - 134	6	30	
Pentachlorophenol	0.160	0.156		mg/L		97	24 - 131	2	30	
Pyridine	0.160	0.0644		mg/L		40	10 - 120	5	30	
Hexachloroethane	0.0800	0.0362		mg/L		45	26 - 120	5	30	
Nitrobenzene	0.0800	0.0757		mg/L		95	64 - 120	4	30	
Hexachlorobutadiene	0.0800	0.0372		mg/L		46	27 - 127	6	30	
Hexachlorobenzene	0.0800	0.0724		mg/L		90	61 - 128	2	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	82		52 - 137
Phenol-d5 (Surr)	29		10 - 56
Terphenyl-d14 (Surr)	88		22 - 150
2,4,6-Tribromophenol (Surr)	90		37 - 150
2-Fluorophenol (Surr)	42		19 - 80
2-Fluorobiphenyl	77		46 - 139

Lab Sample ID: LB 460-872159/1-D

Matrix: Solid

Analysis Batch: 872265

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 872220

Analyte	LB LB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L		10/16/22 10:30	10/16/22 22:25		1	
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 22:25		1	
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 22:25		1	
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/16/22 10:30	10/16/22 22:25		1	
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/16/22 10:30	10/16/22 22:25		1	
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/16/22 10:30	10/16/22 22:25		1	
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/16/22 10:30	10/16/22 22:25		1	
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/16/22 10:30	10/16/22 22:25		1	
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/16/22 10:30	10/16/22 22:25		1	
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/16/22 10:30	10/16/22 22:25		1	
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/16/22 10:30	10/16/22 22:25		1	
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/16/22 10:30	10/16/22 22:25		1	

Surrogate	LB LB		Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier						
Nitrobenzene-d5 (Surr)	99		52 - 137	10/16/22 10:30	10/16/22 22:25		1	
Phenol-d5 (Surr)	34		10 - 56	10/16/22 10:30	10/16/22 22:25		1	
Terphenyl-d14 (Surr)	74		22 - 150	10/16/22 10:30	10/16/22 22:25		1	
2,4,6-Tribromophenol (Surr)	90		37 - 150	10/16/22 10:30	10/16/22 22:25		1	
2-Fluorophenol (Surr)	50		19 - 80	10/16/22 10:30	10/16/22 22:25		1	
2-Fluorobiphenyl	104		46 - 139	10/16/22 10:30	10/16/22 22:25		1	

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 460-872277/1-C
Matrix: Solid
Analysis Batch: 872561

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872487

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00040	U	0.010	0.00040	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
Pyridine	0.0019	U	0.010	0.0019	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L	-	10/17/22 21:26	10/18/22 10:20	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L	-	10/17/22 21:26	10/18/22 10:20	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	122		52 - 137	10/17/22 21:26	10/18/22 10:20	1
Phenol-d5 (Surr)	40		10 - 56	10/17/22 21:26	10/18/22 10:20	1
Terphenyl-d14 (Surr)	143		22 - 150	10/17/22 21:26	10/18/22 10:20	1
2,4,6-Tribromophenol (Surr)	128		37 - 150	10/17/22 21:26	10/18/22 10:20	1
2-Fluorophenol (Surr)	61		19 - 80	10/17/22 21:26	10/18/22 10:20	1
2-Fluorobiphenyl	127		46 - 139	10/17/22 21:26	10/18/22 10:20	1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-871820/1-A
Matrix: Solid
Analysis Batch: 871859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871820

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0011	U	0.0067	0.0011	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
4,4'-DDD	0.0011	U	0.0067	0.0011	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
4,4'-DDE	0.00079	U	0.0067	0.00079	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
4,4'-DDE	0.00079	U	0.0067	0.00079	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
4,4'-DDT	0.0012	U	0.0067	0.0012	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
4,4'-DDT	0.0012	U	0.0067	0.0012	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Aldrin	0.0010	U	0.0067	0.0010	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Aldrin	0.0010	U	0.0067	0.0010	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
alpha-BHC	0.00068	U	0.0020	0.00068	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
alpha-BHC	0.00068	U	0.0020	0.00068	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
beta-BHC	0.00075	U	0.0020	0.00075	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
beta-BHC	0.00075	U	0.0020	0.00075	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Chlordane (technical)	0.016	U	0.067	0.016	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Chlordane (technical)	0.016	U	0.067	0.016	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
delta-BHC	0.00041	U	0.0020	0.00041	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
delta-BHC	0.00041	U	0.0020	0.00041	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Dieldrin	0.00087	U	0.0020	0.00087	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Dieldrin	0.00087	U	0.0020	0.00087	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Endosulfan I	0.0010	U	0.0067	0.0010	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1
Endosulfan I	0.0010	U	0.0067	0.0010	mg/Kg	-	10/13/22 17:47	10/14/22 05:16	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-871820/1-A
Matrix: Solid
Analysis Batch: 871859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871820

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Endosulfan II	0.0017	U	0.0067	0.0017	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endosulfan II	0.0017	U	0.0067	0.0017	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endosulfan sulfate	0.00084	U	0.0067	0.00084	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endosulfan sulfate	0.00084	U	0.0067	0.00084	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endrin	0.00096	U	0.0067	0.00096	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endrin	0.00096	U	0.0067	0.00096	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endrin aldehyde	0.0016	U	0.0067	0.0016	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endrin aldehyde	0.0016	U	0.0067	0.0016	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endrin ketone	0.0013	U	0.0067	0.0013	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Endrin ketone	0.0013	U	0.0067	0.0013	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
gamma-BHC (Lindane)	0.00062	U	0.0020	0.00062	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
gamma-BHC (Lindane)	0.00062	U	0.0020	0.00062	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Heptachlor	0.00079	U	0.0067	0.00079	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Heptachlor	0.00079	U	0.0067	0.00079	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Heptachlor epoxide	0.0010	U	0.0067	0.0010	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Heptachlor epoxide	0.0010	U	0.0067	0.0010	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Methoxychlor	0.0015	U	0.0067	0.0015	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Methoxychlor	0.0015	U	0.0067	0.0015	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Toxaphene	0.024	U	0.067	0.024	mg/Kg		10/13/22 17:47	10/14/22 05:16	1
Toxaphene	0.024	U	0.067	0.024	mg/Kg		10/13/22 17:47	10/14/22 05:16	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	75		43 - 150	10/13/22 17:47	10/14/22 05:16	1
DCB Decachlorobiphenyl	75		43 - 150	10/13/22 17:47	10/14/22 05:16	1
Tetrachloro-m-xylene	86		26 - 137	10/13/22 17:47	10/14/22 05:16	1
Tetrachloro-m-xylene	84		26 - 137	10/13/22 17:47	10/14/22 05:16	1

Lab Sample ID: LCS 460-871820/2-A
Matrix: Solid
Analysis Batch: 871859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.109		mg/Kg		82	64 - 132
4,4'-DDE	0.133	0.110		mg/Kg		83	71 - 137
4,4'-DDE	0.133	0.112		mg/Kg		84	71 - 137
4,4'-DDT	0.133	0.110		mg/Kg		83	55 - 138
4,4'-DDT	0.133	0.111		mg/Kg		83	55 - 138
Aldrin	0.133	0.119		mg/Kg		89	67 - 130
Aldrin	0.133	0.120		mg/Kg		90	67 - 130
alpha-BHC	0.133	0.118		mg/Kg		88	72 - 132
alpha-BHC	0.133	0.123		mg/Kg		93	72 - 132
beta-BHC	0.133	0.129		mg/Kg		96	71 - 137
beta-BHC	0.133	0.109		mg/Kg		82	71 - 137
delta-BHC	0.133	0.121		mg/Kg		90	61 - 143
delta-BHC	0.133	0.128		mg/Kg		96	61 - 143
Dieldrin	0.133	0.108		mg/Kg		81	66 - 135
Dieldrin	0.133	0.114		mg/Kg		86	66 - 135

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-871820/2-A
Matrix: Solid
Analysis Batch: 871859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan I	0.133	0.110		mg/Kg		82	64 - 135
Endosulfan I	0.133	0.109		mg/Kg		82	64 - 135
Endosulfan II	0.133	0.111		mg/Kg		83	64 - 130
Endosulfan II	0.133	0.110		mg/Kg		82	64 - 130
Endosulfan sulfate	0.133	0.108		mg/Kg		81	61 - 134
Endosulfan sulfate	0.133	0.111		mg/Kg		83	61 - 134
Endrin	0.133	0.109		mg/Kg		82	63 - 136
Endrin	0.133	0.109		mg/Kg		82	63 - 136
Endrin aldehyde	0.133	0.105		mg/Kg		79	60 - 132
Endrin aldehyde	0.133	0.102		mg/Kg		76	60 - 132
Endrin ketone	0.133	0.113		mg/Kg		84	48 - 150
Endrin ketone	0.133	0.114		mg/Kg		86	48 - 150
gamma-BHC (Lindane)	0.133	0.124		mg/Kg		93	70 - 134
gamma-BHC (Lindane)	0.133	0.123		mg/Kg		93	70 - 134
Heptachlor	0.133	0.116		mg/Kg		87	62 - 134
Heptachlor	0.133	0.119		mg/Kg		89	62 - 134
Heptachlor epoxide	0.133	0.111		mg/Kg		83	65 - 127
Heptachlor epoxide	0.133	0.112		mg/Kg		84	65 - 127
Methoxychlor	0.133	0.105		mg/Kg		79	49 - 128
Methoxychlor	0.133	0.101		mg/Kg		76	49 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	61		43 - 150
DCB Decachlorobiphenyl	60		43 - 150
Tetrachloro-m-xylene	69		26 - 137
Tetrachloro-m-xylene	69		26 - 137

Lab Sample ID: LCSD 460-871820/3-A
Matrix: Solid
Analysis Batch: 871859

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871820

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.133	0.113		mg/Kg		85	64 - 132	3	30
4,4'-DDD	0.133	0.113		mg/Kg		84	64 - 132	3	30
4,4'-DDE	0.133	0.115		mg/Kg		86	71 - 137	4	30
4,4'-DDE	0.133	0.112		mg/Kg		84	71 - 137	0	30
4,4'-DDT	0.133	0.113		mg/Kg		85	55 - 138	2	30
4,4'-DDT	0.133	0.115		mg/Kg		86	55 - 138	3	30
Aldrin	0.133	0.123		mg/Kg		92	67 - 130	4	30
Aldrin	0.133	0.124		mg/Kg		93	67 - 130	3	30
alpha-BHC	0.133	0.123		mg/Kg		92	72 - 132	4	30
alpha-BHC	0.133	0.130		mg/Kg		98	72 - 132	5	30
beta-BHC	0.133	0.135		mg/Kg		101	71 - 137	5	30
beta-BHC	0.133	0.113		mg/Kg		85	71 - 137	4	30
delta-BHC	0.133	0.126		mg/Kg		94	61 - 143	4	30
delta-BHC	0.133	0.131		mg/Kg		99	61 - 143	3	30
Dieldrin	0.133	0.112		mg/Kg		84	66 - 135	4	30
Dieldrin	0.133	0.115		mg/Kg		87	66 - 135	1	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-871820/3-A
Matrix: Solid
Analysis Batch: 871859

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871820

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan I	0.133	0.114		mg/Kg		85	64 - 135	4	30
Endosulfan I	0.133	0.110		mg/Kg		82	64 - 135	0	30
Endosulfan II	0.133	0.114		mg/Kg		85	64 - 130	3	30
Endosulfan II	0.133	0.114		mg/Kg		85	64 - 130	4	30
Endosulfan sulfate	0.133	0.112		mg/Kg		84	61 - 134	4	30
Endosulfan sulfate	0.133	0.114		mg/Kg		86	61 - 134	3	30
Endrin	0.133	0.112		mg/Kg		84	63 - 136	3	30
Endrin	0.133	0.112		mg/Kg		84	63 - 136	3	30
Endrin aldehyde	0.133	0.109		mg/Kg		81	60 - 132	3	30
Endrin aldehyde	0.133	0.104		mg/Kg		78	60 - 132	2	30
Endrin ketone	0.133	0.117		mg/Kg		88	48 - 150	4	30
Endrin ketone	0.133	0.117		mg/Kg		88	48 - 150	2	30
gamma-BHC (Lindane)	0.133	0.129		mg/Kg		97	70 - 134	4	30
gamma-BHC (Lindane)	0.133	0.129		mg/Kg		97	70 - 134	4	30
Heptachlor	0.133	0.121		mg/Kg		91	62 - 134	4	30
Heptachlor	0.133	0.122		mg/Kg		91	62 - 134	2	30
Heptachlor epoxide	0.133	0.115		mg/Kg		86	65 - 127	4	30
Heptachlor epoxide	0.133	0.115		mg/Kg		86	65 - 127	3	30
Methoxychlor	0.133	0.108		mg/Kg		81	49 - 128	3	30
Methoxychlor	0.133	0.104		mg/Kg		78	49 - 128	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	64		43 - 150
DCB Decachlorobiphenyl	62		43 - 150
Tetrachloro-m-xylene	73		26 - 137
Tetrachloro-m-xylene	73		26 - 137

Lab Sample ID: 460-267334-A-1-J MS
Matrix: Solid
Analysis Batch: 871859

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 871820

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0014	U	0.167	0.145		mg/Kg	⊛	87	64 - 132
4,4'-DDD	0.0014	U	0.167	0.145		mg/Kg	⊛	86	64 - 132
4,4'-DDE	0.00099	U	0.167	0.144		mg/Kg	⊛	86	71 - 137
4,4'-DDE	0.00099	U	0.167	0.141		mg/Kg	⊛	84	71 - 137
4,4'-DDT	0.0015	U	0.167	0.150		mg/Kg	⊛	90	55 - 138
4,4'-DDT	0.0015	U	0.167	0.152		mg/Kg	⊛	91	55 - 138
Aldrin	0.0013	U	0.167	0.152		mg/Kg	⊛	91	67 - 130
Aldrin	0.0013	U	0.167	0.155		mg/Kg	⊛	93	67 - 130
alpha-BHC	0.00085	U	0.167	0.153		mg/Kg	⊛	91	72 - 132
alpha-BHC	0.00085	U	0.167	0.158		mg/Kg	⊛	95	72 - 132
beta-BHC	0.00094	U	0.167	0.163		mg/Kg	⊛	97	71 - 137
beta-BHC	0.00094	U	0.167	0.138		mg/Kg	⊛	82	71 - 137
delta-BHC	0.00051	U	0.167	0.158		mg/Kg	⊛	94	61 - 143
delta-BHC	0.00051	U	0.167	0.165		mg/Kg	⊛	99	61 - 143
Dieldrin	0.0011	U	0.167	0.145		mg/Kg	⊛	87	66 - 135
Dieldrin	0.0011	U	0.167	0.149		mg/Kg	⊛	89	66 - 135

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-267334-A-1-K MSD

Matrix: Solid

Analysis Batch: 871859

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 871820

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Endosulfan I	0.0013	U	0.167	0.132		mg/Kg	☼	79	64 - 135	9	30	
Endosulfan I	0.0013	U	0.167	0.133		mg/Kg	☼	80	64 - 135	7	30	
Endosulfan II	0.0022	U	0.167	0.135		mg/Kg	☼	81	64 - 130	9	30	
Endosulfan II	0.0022	U	0.167	0.138		mg/Kg	☼	83	64 - 130	7	30	
Endosulfan sulfate	0.0011	U	0.167	0.134		mg/Kg	☼	80	61 - 134	9	30	
Endosulfan sulfate	0.0011	U	0.167	0.142		mg/Kg	☼	85	61 - 134	6	30	
Endrin	0.0012	U	0.167	0.133		mg/Kg	☼	80	63 - 136	10	30	
Endrin	0.0012	U	0.167	0.136		mg/Kg	☼	82	63 - 136	8	30	
Endrin aldehyde	0.0020	U	0.167	0.129		mg/Kg	☼	77	60 - 132	9	30	
Endrin aldehyde	0.0020	U	0.167	0.128		mg/Kg	☼	77	60 - 132	6	30	
Endrin ketone	0.0016	U	0.167	0.142		mg/Kg	☼	85	48 - 150	10	30	
Endrin ketone	0.0016	U	0.167	0.146		mg/Kg	☼	88	48 - 150	7	30	
gamma-BHC (Lindane)	0.00078	U	0.167	0.147		mg/Kg	☼	88	70 - 134	9	30	
gamma-BHC (Lindane)	0.00078	U	0.167	0.146		mg/Kg	☼	88	70 - 134	9	30	
Heptachlor	0.00099	U	0.167	0.138		mg/Kg	☼	83	62 - 134	9	30	
Heptachlor	0.00099	U	0.167	0.143		mg/Kg	☼	86	62 - 134	9	30	
Heptachlor epoxide	0.0013	U	0.167	0.132		mg/Kg	☼	79	65 - 127	10	30	
Heptachlor epoxide	0.0013	U	0.167	0.135		mg/Kg	☼	81	65 - 127	6	30	
Methoxychlor	0.0019	U	0.167	0.131		mg/Kg	☼	78	49 - 128	10	30	
Methoxychlor	0.0019	U	0.167	0.131		mg/Kg	☼	79	49 - 128	7	30	

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	64		43 - 150
DCB Decachlorobiphenyl	67		43 - 150
Tetrachloro-m-xylene	67		26 - 137
Tetrachloro-m-xylene	70		26 - 137

Lab Sample ID: MB 460-872134/1-A

Matrix: Solid

Analysis Batch: 872306

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 872134

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/15/22 10:53	10/17/22 04:48	1
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/15/22 10:53	10/17/22 04:48	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/15/22 10:53	10/17/22 04:48	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/15/22 10:53	10/17/22 04:48	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/15/22 10:53	10/17/22 04:48	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/15/22 10:53	10/17/22 04:48	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/15/22 10:53	10/17/22 04:48	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/15/22 10:53	10/17/22 04:48	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/15/22 10:53	10/17/22 04:48	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/15/22 10:53	10/17/22 04:48	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/15/22 10:53	10/17/22 04:48	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/15/22 10:53	10/17/22 04:48	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/15/22 10:53	10/17/22 04:48	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/15/22 10:53	10/17/22 04:48	1

Eurolins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-872134/1-A
Matrix: Solid
Analysis Batch: 872306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872134

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	92		15 - 121	10/15/22 10:53	10/17/22 04:48	1
DCB Decachlorobiphenyl	106		15 - 121	10/15/22 10:53	10/17/22 04:48	1
Tetrachloro-m-xylene	109		17 - 120	10/15/22 10:53	10/17/22 04:48	1
Tetrachloro-m-xylene	105		17 - 120	10/15/22 10:53	10/17/22 04:48	1

Lab Sample ID: LCS 460-872134/2-A
Matrix: Solid
Analysis Batch: 872306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	%Rec
Endrin	0.000800	0.000812		mg/L		102	57 - 135	
gamma-BHC (Lindane)	0.000800	0.000792		mg/L		99	65 - 123	
gamma-BHC (Lindane)	0.000800	0.000814		mg/L		102	65 - 123	
Heptachlor	0.000800	0.000772		mg/L		97	59 - 120	
Heptachlor	0.000800	0.000801		mg/L		100	59 - 120	
Heptachlor epoxide	0.000800	0.000747		mg/L		93	59 - 128	
Heptachlor epoxide	0.000800	0.000780		mg/L		97	59 - 128	
Methoxychlor	0.000800	0.000710		mg/L		89	35 - 138	
Methoxychlor	0.000800	0.000745		mg/L		93	35 - 138	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	71		15 - 121
DCB Decachlorobiphenyl	82		15 - 121
Tetrachloro-m-xylene	80		17 - 120
Tetrachloro-m-xylene	78		17 - 120

Lab Sample ID: LCSD 460-872134/3-A
Matrix: Solid
Analysis Batch: 872306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Endrin	0.000800	0.000823		mg/L		103	57 - 135	1	30
gamma-BHC (Lindane)	0.000800	0.000813		mg/L		102	65 - 123	3	30
gamma-BHC (Lindane)	0.000800	0.000841		mg/L		105	65 - 123	3	30
Heptachlor	0.000800	0.000791		mg/L		99	59 - 120	2	30
Heptachlor	0.000800	0.000834		mg/L		104	59 - 120	4	30
Heptachlor epoxide	0.000800	0.000763		mg/L		95	59 - 128	2	30
Heptachlor epoxide	0.000800	0.000803		mg/L		100	59 - 128	3	30
Methoxychlor	0.000800	0.000716		mg/L		90	35 - 138	1	30
Methoxychlor	0.000800	0.000752		mg/L		94	35 - 138	1	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	71		15 - 121
DCB Decachlorobiphenyl	82		15 - 121
Tetrachloro-m-xylene	82		17 - 120
Tetrachloro-m-xylene	80		17 - 120

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QC Sample Results

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-872489/1-A

Matrix: Solid

Analysis Batch: 872514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 872489

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 09:55	1
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 09:55	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 09:55	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 09:55	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 09:55	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 09:55	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 09:55	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:29	10/18/22 09:55	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 09:55	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:29	10/18/22 09:55	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 09:55	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:29	10/18/22 09:55	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 09:55	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 09:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	88		15 - 121	10/17/22 21:29	10/18/22 09:55	1
DCB Decachlorobiphenyl	94		15 - 121	10/17/22 21:29	10/18/22 09:55	1
Tetrachloro-m-xylene	72		17 - 120	10/17/22 21:29	10/18/22 09:55	1
Tetrachloro-m-xylene	72		17 - 120	10/17/22 21:29	10/18/22 09:55	1

Lab Sample ID: LCS 460-872489/2-A

Matrix: Solid

Analysis Batch: 872514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 872489

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Endrin	0.000800	0.000644		mg/L		81	57 - 135
Endrin	0.000800	0.000693		mg/L		87	57 - 135
gamma-BHC (Lindane)	0.000800	0.000687		mg/L		86	65 - 123
gamma-BHC (Lindane)	0.000800	0.000737		mg/L		92	65 - 123
Heptachlor	0.000800	0.000686		mg/L		86	59 - 120
Heptachlor	0.000800	0.000726		mg/L		91	59 - 120
Heptachlor epoxide	0.000800	0.000672		mg/L		84	59 - 128
Heptachlor epoxide	0.000800	0.000716		mg/L		90	59 - 128
Methoxychlor	0.000800	0.000878		mg/L		110	35 - 138
Methoxychlor	0.000800	0.000818		mg/L		102	35 - 138

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	81		15 - 121
DCB Decachlorobiphenyl	90		15 - 121
Tetrachloro-m-xylene	73		17 - 120
Tetrachloro-m-xylene	75		17 - 120

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-872489/3-A

Matrix: Solid

Analysis Batch: 872514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 872489

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin	0.000800	0.000653		mg/L		82	57 - 135	1	30
Endrin	0.000800	0.000681		mg/L		85	57 - 135	2	30
gamma-BHC (Lindane)	0.000800	0.000691		mg/L		86	65 - 123	1	30
gamma-BHC (Lindane)	0.000800	0.000719		mg/L		90	65 - 123	2	30
Heptachlor	0.000800	0.000693		mg/L		87	59 - 120	1	30
Heptachlor	0.000800	0.000708		mg/L		88	59 - 120	2	30
Heptachlor epoxide	0.000800	0.000684		mg/L		85	59 - 128	2	30
Heptachlor epoxide	0.000800	0.000706		mg/L		88	59 - 128	1	30
Methoxychlor	0.000800	0.000890		mg/L		111	35 - 138	1	30
Methoxychlor	0.000800	0.000800		mg/L		100	35 - 138	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	88		15 - 121
DCB Decachlorobiphenyl	93		15 - 121
Tetrachloro-m-xylene	77		17 - 120
Tetrachloro-m-xylene	77		17 - 120

Lab Sample ID: LB 460-872159/1-B

Matrix: Solid

Analysis Batch: 872306

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 872134

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/16/22 09:37	10/17/22 05:50	1
Endrin	0.000040	U	0.00050	0.000040	mg/L		10/16/22 09:37	10/17/22 05:50	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/16/22 09:37	10/17/22 05:50	1
Heptachlor	0.000030	U	0.00050	0.000030	mg/L		10/16/22 09:37	10/17/22 05:50	1
Heptachlor epoxide	0.000050	U	0.00050	0.000050	mg/L		10/16/22 09:37	10/17/22 05:50	1
Methoxychlor	0.000040	U	0.00050	0.000040	mg/L		10/16/22 09:37	10/17/22 05:50	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/16/22 09:37	10/17/22 05:50	1

Surrogate	LB %Recovery	LB Qualifier	LB Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		15 - 121	10/16/22 09:37	10/17/22 05:50	1
DCB Decachlorobiphenyl	65		15 - 121	10/16/22 09:37	10/17/22 05:50	1
Tetrachloro-m-xylene	63		17 - 120	10/16/22 09:37	10/17/22 05:50	1
Tetrachloro-m-xylene	58		17 - 120	10/16/22 09:37	10/17/22 05:50	1

Lab Sample ID: LB 460-872277/1-D

Matrix: Solid

Analysis Batch: 872514

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 872489

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:29	10/18/22 10:09	1
Endrin	0.000040	U	0.00050	0.000040	mg/L		10/17/22 21:29	10/18/22 10:09	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:29	10/18/22 10:09	1
Heptachlor	0.000030	U	0.00050	0.000030	mg/L		10/17/22 21:29	10/18/22 10:09	1
Heptachlor epoxide	0.000050	U	0.00050	0.000050	mg/L		10/17/22 21:29	10/18/22 10:09	1
Methoxychlor	0.000040	U	0.00050	0.000040	mg/L		10/17/22 21:29	10/18/22 10:09	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:29	10/18/22 10:09	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	LB LB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	60		15 - 121	10/17/22 21:29	10/18/22 10:09	1
DCB Decachlorobiphenyl	64		15 - 121	10/17/22 21:29	10/18/22 10:09	1
Tetrachloro-m-xylene	51		17 - 120	10/17/22 21:29	10/18/22 10:09	1
Tetrachloro-m-xylene	49		17 - 120	10/17/22 21:29	10/18/22 10:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-871804/1-A
Matrix: Solid
Analysis Batch: 871951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871804

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor-1262	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor-1262	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Polychlorinated biphenyls, Total	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1
Polychlorinated biphenyls, Total	0.018	U	0.067	0.018	mg/Kg		10/13/22 17:36	10/14/22 11:14	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	122		10 - 150	10/13/22 17:36	10/14/22 11:14	1
DCB Decachlorobiphenyl	132		10 - 150	10/13/22 17:36	10/14/22 11:14	1
Tetrachloro-m-xylene	96		42 - 150	10/13/22 17:36	10/14/22 11:14	1
Tetrachloro-m-xylene	121		42 - 150	10/13/22 17:36	10/14/22 11:14	1

Lab Sample ID: LCS 460-871804/2-A
Matrix: Solid
Analysis Batch: 871951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.402		mg/Kg		120	65 - 133
Aroclor 1260	0.333	0.325		mg/Kg		98	67 - 150
Aroclor 1260	0.333	0.392		mg/Kg		118	67 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	108		10 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 460-871804/2-A
Matrix: Solid
Analysis Batch: 871951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871804

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	128		10 - 150
Tetrachloro-m-xylene	96		42 - 150
Tetrachloro-m-xylene	120		42 - 150

Lab Sample ID: LCSD 460-871804/3-A
Matrix: Solid
Analysis Batch: 871951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871804

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Aroclor 1016	0.333	0.349		mg/Kg		105	65 - 133	7	30	
Aroclor 1016	0.333	0.421		mg/Kg		126	65 - 133	5	30	
Aroclor 1260	0.333	0.345		mg/Kg		104	67 - 150	6	30	
Aroclor 1260	0.333	0.420		mg/Kg		126	67 - 150	7	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	116		10 - 150
DCB Decachlorobiphenyl	131		10 - 150
Tetrachloro-m-xylene	98		42 - 150
Tetrachloro-m-xylene	123		42 - 150

Lab Sample ID: MB 460-872029/1-A
Matrix: Solid
Analysis Batch: 872363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872029

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor-1262	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor-1262	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Polychlorinated biphenyls, Total	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1
Polychlorinated biphenyls, Total	0.018	U	0.067	0.018	mg/Kg		10/14/22 17:04	10/17/22 10:50	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	92		10 - 150	10/14/22 17:04	10/17/22 10:50	1

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-872029/1-A
Matrix: Solid
Analysis Batch: 872363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872029

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	107		10 - 150	10/14/22 17:04	10/17/22 10:50	1
Tetrachloro-m-xylene	81		42 - 150	10/14/22 17:04	10/17/22 10:50	1
Tetrachloro-m-xylene	100		42 - 150	10/14/22 17:04	10/17/22 10:50	1

Lab Sample ID: LCS 460-872029/2-A
Matrix: Solid
Analysis Batch: 872363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.332		mg/Kg		100	65 - 133
Aroclor 1260	0.333	0.263		mg/Kg		79	67 - 150
Aroclor 1260	0.333	0.324		mg/Kg		97	67 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	96		10 - 150
DCB Decachlorobiphenyl	114		10 - 150
Tetrachloro-m-xylene	85		42 - 150
Tetrachloro-m-xylene	108		42 - 150

Lab Sample ID: LCSD 460-872029/3-A
Matrix: Solid
Analysis Batch: 872363

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872029

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Aroclor 1016	0.333	0.276		mg/Kg		83	65 - 133	4	30
Aroclor 1016	0.333	0.340		mg/Kg		102	65 - 133	2	30
Aroclor 1260	0.333	0.275		mg/Kg		83	67 - 150	4	30
Aroclor 1260	0.333	0.335		mg/Kg		100	67 - 150	3	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	105		10 - 150
DCB Decachlorobiphenyl	117		10 - 150
Tetrachloro-m-xylene	88		42 - 150
Tetrachloro-m-xylene	111		42 - 150

Lab Sample ID: 460-267384-A-1-G MS
Matrix: Solid
Analysis Batch: 872363

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872029

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.020	U	0.379	0.352		mg/Kg	☼	93	65 - 133
Aroclor 1260	0.020	U	0.379	0.295		mg/Kg	☼	78	67 - 150
Aroclor 1260	0.020	U	0.379	0.339		mg/Kg	☼	89	67 - 150

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-267384-A-1-G MS
Matrix: Solid
Analysis Batch: 872363

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872029

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	83		10 - 150
DCB Decachlorobiphenyl	105		10 - 150
Tetrachloro-m-xylene	75		42 - 150
Tetrachloro-m-xylene	96		42 - 150

Lab Sample ID: 460-267384-A-1-H MSD
Matrix: Solid
Analysis Batch: 872363

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 872029

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Aroclor 1016	0.020	U	0.379	0.288		mg/Kg	⊛	76	65 - 133	2	30	
Aroclor 1016	0.020	U	0.379	0.351		mg/Kg	⊛	92	65 - 133	1	30	
Aroclor 1260	0.020	U	0.379	0.291		mg/Kg	⊛	77	67 - 150	1	30	
Aroclor 1260	0.020	U	0.379	0.337		mg/Kg	⊛	89	67 - 150	1	30	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	84		10 - 150
DCB Decachlorobiphenyl	107		10 - 150
Tetrachloro-m-xylene	75		42 - 150
Tetrachloro-m-xylene	98		42 - 150

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-871907/1-A
Matrix: Solid
Analysis Batch: 871985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871907

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	0.012	U	0.033	0.012	mg/Kg		10/14/22 07:52	10/14/22 16:35	1
2,4-D	0.012	U	0.033	0.012	mg/Kg		10/14/22 07:52	10/14/22 16:35	1
Silvex (2,4,5-TP)	0.0035	U	0.033	0.0035	mg/Kg		10/14/22 07:52	10/14/22 16:35	1
Silvex (2,4,5-TP)	0.0035	U	0.033	0.0035	mg/Kg		10/14/22 07:52	10/14/22 16:35	1
2,4,5-T	0.0071	U	0.033	0.0071	mg/Kg		10/14/22 07:52	10/14/22 16:35	1
2,4,5-T	0.0071	U	0.033	0.0071	mg/Kg		10/14/22 07:52	10/14/22 16:35	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	91		27 - 150	10/14/22 07:52	10/14/22 16:35	1
2,4-Dichlorophenylacetic acid	93		27 - 150	10/14/22 07:52	10/14/22 16:35	1

Lab Sample ID: LCS 460-871907/2-A
Matrix: Solid
Analysis Batch: 871985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871907

Analyte	Spike	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
2,4-D	0.167	0.233		mg/Kg		140	46 - 150
2,4-D	0.167	0.246		mg/Kg		147	46 - 150
Silvex (2,4,5-TP)	0.0417	0.0611		mg/Kg		147	41 - 150
Silvex (2,4,5-TP)	0.0417	0.0579		mg/Kg		139	41 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 460-871907/2-A
Matrix: Solid
Analysis Batch: 871985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871907

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
2,4,5-T	0.0417	0.0625		mg/Kg		150	10 - 150	
2,4,5-T	0.0417	0.0594		mg/Kg		142	10 - 150	
		LCS	LCS					
Surrogate		%Recovery	Qualifier	Limits				
2,4-Dichlorophenylacetic acid		96		27 - 150				
2,4-Dichlorophenylacetic acid		97		27 - 150				

Lab Sample ID: LCSD 460-871907/3-A
Matrix: Solid
Analysis Batch: 871985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871907

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
2,4-D	0.167	0.233		mg/Kg		140	46 - 150	0	30	
2,4-D	0.167	0.245		mg/Kg		147	46 - 150	0	30	
Silvex (2,4,5-TP)	0.0417	0.0606		mg/Kg		145	41 - 150	1	30	
Silvex (2,4,5-TP)	0.0417	0.0580		mg/Kg		139	41 - 150	0	30	
2,4,5-T	0.0417	0.0618		mg/Kg		148	10 - 150	1	30	
2,4,5-T	0.0417	0.0584		mg/Kg		140	10 - 150	2	30	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier	Limits						
2,4-Dichlorophenylacetic acid		96		27 - 150						
2,4-Dichlorophenylacetic acid		97		27 - 150						

Lab Sample ID: MB 460-872218/1-A
Matrix: Solid
Analysis Batch: 872417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872218

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 16:41	1
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 16:41	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 16:41	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 16:41	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 16:41	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 16:41	1
		MB MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
2,4-Dichlorophenylacetic acid	17		10 - 150			10/16/22 09:48	10/17/22 16:41	1	
2,4-Dichlorophenylacetic acid	17		10 - 150			10/16/22 09:48	10/17/22 16:41	1	

Lab Sample ID: LCS 460-872218/2-A
Matrix: Solid
Analysis Batch: 872417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
2,4-D	0.133	0.134		mg/L		101	51 - 150	
2,4-D	0.133	0.140		mg/L		105	51 - 150	
Silvex (2,4,5-TP)	0.0333	0.0292	J	mg/L		88	50 - 150	
Silvex (2,4,5-TP)	0.0333	0.0274	J	mg/L		82	50 - 150	

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 460-872218/2-A
Matrix: Solid
Analysis Batch: 872417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872218

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
2,4,5-T	0.0333	0.0329	J	mg/L		99	45 - 150
2,4,5-T	0.0333	0.0390	J	mg/L		117	45 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	62		10 - 150
2,4-Dichlorophenylacetic acid	64		10 - 150

Lab Sample ID: LCSD 460-872218/3-A
Matrix: Solid
Analysis Batch: 872417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872218

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
2,4-D	0.133	0.114		mg/L		86	51 - 150	16	30
2,4-D	0.133	0.120		mg/L		90	51 - 150	15	30
Silvex (2,4,5-TP)	0.0333	0.0268	J	mg/L		80	50 - 150	9	30
Silvex (2,4,5-TP)	0.0333	0.0251	J	mg/L		75	50 - 150	9	30
2,4,5-T	0.0333	0.0290	J	mg/L		87	45 - 150	12	30
2,4,5-T	0.0333	0.0381	J	mg/L		114	45 - 150	2	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	62		10 - 150
2,4-Dichlorophenylacetic acid	64		10 - 150

Lab Sample ID: MB 460-872599/1-A
Matrix: Solid
Analysis Batch: 872764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872599

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	0.00018	U	0.0030	0.00018	mg/L		10/18/22 10:44	10/19/22 08:13	1
2,4-D	0.00018	U	0.0030	0.00018	mg/L		10/18/22 10:44	10/19/22 08:13	1
Silvex (2,4,5-TP)	0.00014	U	0.0030	0.00014	mg/L		10/18/22 10:44	10/19/22 08:13	1
Silvex (2,4,5-TP)	0.00014	U	0.0030	0.00014	mg/L		10/18/22 10:44	10/19/22 08:13	1
2,4,5-T	0.000072	U	0.0030	0.000072	mg/L		10/18/22 10:44	10/19/22 08:13	1
2,4,5-T	0.000072	U	0.0030	0.000072	mg/L		10/18/22 10:44	10/19/22 08:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	101		10 - 150	10/18/22 10:44	10/19/22 08:13	1
2,4-Dichlorophenylacetic acid	109		10 - 150	10/18/22 10:44	10/19/22 08:13	1

Lab Sample ID: LCS 460-872599/2-A
Matrix: Solid
Analysis Batch: 872764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872599

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
2,4-D	0.00800	0.0137	E *+	mg/L		172	51 - 150
2,4-D	0.00800	0.0147	E *+	mg/L		184	51 - 150
Silvex (2,4,5-TP)	0.00200	0.00393	*+	mg/L		197	50 - 150
Silvex (2,4,5-TP)	0.00200	0.00392	*+	mg/L		196	50 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 460-872599/2-A
Matrix: Solid
Analysis Batch: 872764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.00200	0.00375	*+	mg/L		188	45 - 150
2,4,5-T	0.00200	0.00374	*+	mg/L		187	45 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	87		10 - 150
2,4-Dichlorophenylacetic acid	93		10 - 150

Lab Sample ID: LCSD 460-872599/3-A
Matrix: Solid
Analysis Batch: 872764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.00800	0.0100	*1	mg/L		125	51 - 150	31	30
2,4-D	0.00800	0.0105	*1	mg/L		131	51 - 150	34	30
Silvex (2,4,5-TP)	0.00200	0.00268	J *1	mg/L		134	50 - 150	38	30
Silvex (2,4,5-TP)	0.00200	0.00260	J *1	mg/L		130	50 - 150	41	30
2,4,5-T	0.00200	0.00267	J *1	mg/L		134	45 - 150	34	30
2,4,5-T	0.00200	0.00262	J *1	mg/L		131	45 - 150	35	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	75		10 - 150
2,4-Dichlorophenylacetic acid	79		10 - 150

Lab Sample ID: MB 460-872835/1-A
Matrix: Solid
Analysis Batch: 873007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.012	U	0.033	0.012	mg/Kg		10/19/22 10:36	10/20/22 07:05	1
2,4-D	0.012	U	0.033	0.012	mg/Kg		10/19/22 10:36	10/20/22 07:05	1
Silvex (2,4,5-TP)	0.0035	U	0.033	0.0035	mg/Kg		10/19/22 10:36	10/20/22 07:05	1
Silvex (2,4,5-TP)	0.0035	U	0.033	0.0035	mg/Kg		10/19/22 10:36	10/20/22 07:05	1
2,4,5-T	0.0071	U	0.033	0.0071	mg/Kg		10/19/22 10:36	10/20/22 07:05	1
2,4,5-T	0.0071	U	0.033	0.0071	mg/Kg		10/19/22 10:36	10/20/22 07:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	110		27 - 150	10/19/22 10:36	10/20/22 07:05	1
2,4-Dichlorophenylacetic acid	105		27 - 150	10/19/22 10:36	10/20/22 07:05	1

Lab Sample ID: LCS 460-872835/2-A
Matrix: Solid
Analysis Batch: 872903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	0.167	0.233		mg/Kg		140	46 - 150
2,4-D	0.167	0.249		mg/Kg		150	46 - 150
Silvex (2,4,5-TP)	0.0417	0.0624		mg/Kg		150	41 - 150
Silvex (2,4,5-TP)	0.0417	0.0599		mg/Kg		144	41 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 460-872835/2-A
Matrix: Solid
Analysis Batch: 872903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0610		mg/Kg		146	10 - 150
2,4,5-T	0.0417	0.0601		mg/Kg		144	10 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	97		27 - 150
2,4-Dichlorophenylacetic acid	100		27 - 150

Lab Sample ID: LCSD 460-872835/3-A
Matrix: Solid
Analysis Batch: 872903

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.167	0.232		mg/Kg		139	46 - 150	0	30
2,4-D	0.167	0.242		mg/Kg		145	46 - 150	3	30
Silvex (2,4,5-TP)	0.0417	0.0623		mg/Kg		149	41 - 150	0	30
Silvex (2,4,5-TP)	0.0417	0.0588		mg/Kg		141	41 - 150	2	30
2,4,5-T	0.0417	0.0604		mg/Kg		145	10 - 150	1	30
2,4,5-T	0.0417	0.0579		mg/Kg		139	10 - 150	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	97		27 - 150
2,4-Dichlorophenylacetic acid	98		27 - 150

Lab Sample ID: LB 460-872159/1-C
Matrix: Solid
Analysis Batch: 872417

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872218

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/16/22 09:48	10/17/22 18:16	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/16/22 09:48	10/17/22 18:16	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/16/22 09:48	10/17/22 18:16	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	56		10 - 150	10/16/22 09:48	10/17/22 18:16	1
2,4-Dichlorophenylacetic acid	58		10 - 150	10/16/22 09:48	10/17/22 18:16	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 460-871930/1-A
Matrix: Solid
Analysis Batch: 872127

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871930

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		10/14/22 09:15	10/15/22 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		40 - 140	10/14/22 09:15	10/15/22 11:44	1
1-Chlorooctadecane	83		40 - 140	10/14/22 09:15	10/15/22 11:44	1

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: LCS 460-871930/2-A
Matrix: Solid
Analysis Batch: 872127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871930

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total EPH (C9-C40)	133	135		mg/Kg		101	40 - 140
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
<i>o</i> -Terphenyl	92		40 - 140				
1-Chlorooctadecane	145	S1+	40 - 140				

Lab Sample ID: LCSD 460-871930/3-A
Matrix: Solid
Analysis Batch: 872127

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871930

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	133	151		mg/Kg		113	40 - 140	11	25
LCSD LCSD									
Surrogate	%Recovery	Qualifier	Limits						
<i>o</i> -Terphenyl	99		40 - 140						
1-Chlorooctadecane	160	S1+	40 - 140						

Lab Sample ID: MB 460-872228/1-A
Matrix: Solid
Analysis Batch: 872351

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872228

Analyte	MB Result	MB Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14 mg/Kg		10/16/22 12:23	10/17/22 14:16	1
MB MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
<i>o</i> -Terphenyl	97		40 - 140	10/16/22 12:23	10/17/22 14:16	1		
1-Chlorooctadecane	106		40 - 140	10/16/22 12:23	10/17/22 14:16	1		

Lab Sample ID: LCS 460-872228/2-A
Matrix: Solid
Analysis Batch: 872351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total EPH (C9-C40)	133	112		mg/Kg		84	40 - 140
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
<i>o</i> -Terphenyl	66		40 - 140				
1-Chlorooctadecane	112		40 - 140				

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-872216/1-A
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872216

Analyte	MB Result	MB Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.089	U	0.40	0.089 mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Aluminum	5.5	U	20.0	5.5 mg/Kg		10/16/22 09:17	10/17/22 21:24	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-872216/1-A
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872216

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.10	U	1.0	0.10	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Barium	0.15	U	2.0	0.15	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Calcium	17.7	U	100	17.7	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Chromium	0.91	U	2.0	0.91	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Copper	0.37	U	2.0	0.37	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Iron	20.2	U	60.0	20.2	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Potassium	16.2	U	100	16.2	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Magnesium	10.2	U	100	10.2	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Manganese	0.40	U	4.0	0.40	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Sodium	45.7	U	100	45.7	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Nickel	0.47	U	2.0	0.47	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Lead	0.20	U	0.60	0.20	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Antimony	0.15	U	1.0	0.15	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Selenium	0.13	U	1.3	0.13	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Thallium	0.041	U	0.40	0.041	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		10/16/22 09:17	10/17/22 21:24	1
Zinc	3.1	U	8.0	3.1	mg/Kg		10/16/22 09:17	10/17/22 21:24	1

Lab Sample ID: LCSSRM 460-872216/2-A ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872216

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Silver	78.5	87.74		mg/Kg		111.8	78.9 - 121.	
Aluminum	7690	7160		mg/Kg		93.1	45.3 - 154.	7
Arsenic	112	119.9		mg/Kg		107.0	82.0 - 118.	8
Barium	154	157.5		mg/Kg		102.3	81.8 - 118.	2
Beryllium	121	125.9		mg/Kg		104.1	82.2 - 118.	2
Calcium	4590	4391		mg/Kg		95.7	81.0 - 119.	2
Cadmium	196	210.4		mg/Kg		107.4	82.1 - 118.	4
Cobalt	46.4	49.87		mg/Kg		107.5	83.2 - 116.	6
Chromium	103	111.2		mg/Kg		108.0	80.8 - 118.	4
Copper	70.4	77.14		mg/Kg		109.6	83.4 - 116.	6
Iron	13400	14570		mg/Kg		108.7	58.2 - 141.	8
Potassium	1940	2096		mg/Kg		108.0	68.0 - 131.	4
Magnesium	2240	2453		mg/Kg		109.5	75.4 - 125.	0

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-872216/2-A ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872216

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	373	393.1		mg/Kg		105.4	81.5 - 118.5
Nickel	249	267.4		mg/Kg		107.4	81.9 - 118.1
Lead	73.2	77.04		mg/Kg		105.2	82.8 - 117.3
Antimony	111	74.88		mg/Kg		67.5	0.7 - 205.4
Selenium	215	223.9		mg/Kg		104.1	78.1 - 121.9
Thallium	67.7	72.44		mg/Kg		107.0	80.1 - 120.1
Vanadium	177	189.5		mg/Kg		107.1	78.0 - 122.0
Zinc	360	373.6		mg/Kg		103.8	79.7 - 120.3

Lab Sample ID: LCSSRM 460-872216/2-A ^10
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872216

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	132	457	U	mg/Kg		103.5	71.4 - 129.5

Lab Sample ID: 460-267366-J-2-L MS
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.22	J	9.64	7.59		mg/Kg	☼	76	75 - 125
Aluminum	7370		964	9259	4	mg/Kg	☼	196	75 - 125
Arsenic	8.2		19.3	25.17		mg/Kg	☼	88	75 - 125
Barium	287		19.3	241.3	4	mg/Kg	☼	-237	75 - 125
Beryllium	0.53	J	9.64	10.79		mg/Kg	☼	106	75 - 125
Calcium	24300		964	18290	4	mg/Kg	☼	-628	75 - 125
Cadmium	0.78	J	9.64	10.59		mg/Kg	☼	102	75 - 125
Cobalt	13.3		9.64	20.74		mg/Kg	☼	77	75 - 125
Chromium	30.7		19.3	48.71		mg/Kg	☼	93	75 - 125
Copper	102		19.3	107.8	4	mg/Kg	☼	31	75 - 125
Iron	21000		964	20810	4	mg/Kg	☼	-21	75 - 125
Potassium	1770		964	2898		mg/Kg	☼	117	75 - 125
Magnesium	4860		964	5550	4	mg/Kg	☼	72	75 - 125
Manganese	363	F1	96.4	540.2	F1	mg/Kg	☼	184	75 - 125
Sodium	318		964	1309		mg/Kg	☼	103	75 - 125
Nickel	29.8		19.3	47.55		mg/Kg	☼	92	75 - 125
Lead	517		9.64	411.5	4	mg/Kg	☼	-1097	75 - 125
Antimony	0.67	J F1	9.64	6.55	F1	mg/Kg	☼	61	75 - 125
Selenium	1.2	J	19.3	18.98		mg/Kg	☼	92	75 - 125
Thallium	0.19	J	7.71	7.83		mg/Kg	☼	99	75 - 125
Vanadium	27.3		19.3	46.71		mg/Kg	☼	101	75 - 125

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-267366-J-2-L MS
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	309	F1	96.4	368.3	F1	mg/Kg	⊛	62	75 - 125

Lab Sample ID: 460-267366-J-2-K DU
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 872216

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Silver	0.22	J	0.176	J F5	mg/Kg	⊛	22	20
Aluminum	7370		8035		mg/Kg	⊛	9	20
Arsenic	8.2		8.25		mg/Kg	⊛	0.05	20
Barium	287		213.5	F3	mg/Kg	⊛	29	20
Beryllium	0.53	J	0.556	J	mg/Kg	⊛	5	20
Calcium	24300		23050		mg/Kg	⊛	5	20
Cadmium	0.78	J	0.784	J	mg/Kg	⊛	0.8	20
Cobalt	13.3		11.44		mg/Kg	⊛	15	20
Chromium	30.7		31.52		mg/Kg	⊛	3	20
Copper	102		105.5		mg/Kg	⊛	4	20
Iron	21000		19420		mg/Kg	⊛	8	20
Potassium	1770		1879		mg/Kg	⊛	6	20
Magnesium	4860		4889		mg/Kg	⊛	0.6	20
Manganese	363	F1	349.6		mg/Kg	⊛	4	20
Sodium	318		487.6	F5	mg/Kg	⊛	42	20
Nickel	29.8		29.57		mg/Kg	⊛	0.9	20
Lead	517		438.1		mg/Kg	⊛	17	20
Antimony	0.67	J F1	0.605	J	mg/Kg	⊛	10	20
Selenium	1.2	J	0.972	J F5	mg/Kg	⊛	25	20
Thallium	0.19	J	0.184	J	mg/Kg	⊛	2	20
Vanadium	27.3		26.70		mg/Kg	⊛	2	20
Zinc	309	F1	298.0		mg/Kg	⊛	4	20

Lab Sample ID: MB 460-872293/1-A
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.00029	U	0.0020	0.00029	mg/L		10/16/22 19:35	10/17/22 13:23	1
Arsenic	0.00089	U	0.0020	0.00089	mg/L		10/16/22 19:35	10/17/22 13:23	1
Barium	0.00091	U	0.0040	0.00091	mg/L		10/16/22 19:35	10/17/22 13:23	1
Cadmium	0.00039	U	0.0020	0.00039	mg/L		10/16/22 19:35	10/17/22 13:23	1
Chromium	0.0025	U	0.0040	0.0025	mg/L		10/16/22 19:35	10/17/22 13:23	1
Lead	0.00084	U	0.0012	0.00084	mg/L		10/16/22 19:35	10/17/22 13:23	1
Selenium	0.00059	U	0.0025	0.00059	mg/L		10/16/22 19:35	10/17/22 13:23	1

Lab Sample ID: LCS 460-872293/2-A ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.500	0.535		mg/L		107	80 - 120

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-872293/2-A ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5.00	5.19		mg/L		104	80 - 120
Barium	10.0	10.75		mg/L		107	80 - 120
Cadmium	1.00	1.10		mg/L		110	80 - 120
Chromium	5.00	5.39		mg/L		108	80 - 120
Lead	5.00	5.21		mg/L		104	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120

Lab Sample ID: MB 460-872300/1-A
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.089	U	0.40	0.089	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Aluminum	5.5	U	20.0	5.5	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Barium	0.15	U	2.0	0.15	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Calcium	17.7	U	100	17.7	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Chromium	0.91	U	2.0	0.91	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Copper	0.37	U	2.0	0.37	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Iron	20.2	U	60.0	20.2	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Potassium	16.2	U	100	16.2	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Magnesium	10.2	U	100	10.2	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Manganese	0.40	U	4.0	0.40	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Sodium	45.7	U	100	45.7	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Nickel	0.47	U	2.0	0.47	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Lead	0.20	U	0.60	0.20	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Antimony	0.15	U	1.0	0.15	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Selenium	0.13	U	1.3	0.13	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Thallium	0.041	U	0.40	0.041	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		10/16/22 23:00	10/18/22 13:29	1
Zinc	3.1	U	8.0	3.1	mg/Kg		10/16/22 23:00	10/18/22 13:29	1

Lab Sample ID: LCSSRM 460-872300/2-A ^20
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872300

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	78.5	78.37		mg/Kg		99.8	78.9 - 121.1
Aluminum	7690	8775		mg/Kg		114.1	45.3 - 154.7
Arsenic	112	110.4		mg/Kg		98.6	82.0 - 118.8
Barium	154	149.5		mg/Kg		97.1	81.8 - 118.2
Beryllium	121	116.3		mg/Kg		96.1	82.2 - 118.2

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-872300/2-A ^20
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872300

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	4590	4282		mg/Kg		93.3	81.0 - 119.2
Cadmium	196	189.5		mg/Kg		96.7	82.1 - 118.4
Cobalt	46.4	46.10		mg/Kg		99.3	83.2 - 116.6
Chromium	103	107.0		mg/Kg		103.9	80.8 - 118.4
Copper	70.4	71.69		mg/Kg		101.8	83.4 - 116.6
Iron	13400	18190		mg/Kg		135.7	58.2 - 141.8
Potassium	1940	2071		mg/Kg		106.7	68.0 - 131.4
Magnesium	2240	2404		mg/Kg		107.3	75.4 - 125.0
Manganese	373	369.4		mg/Kg		99.0	81.5 - 118.5
Sodium	132	896	U	mg/Kg		102.8	71.4 - 129.5
Nickel	249	250.2		mg/Kg		100.5	81.9 - 118.1
Lead	73.2	73.16		mg/Kg		99.9	82.8 - 117.3
Antimony	111	194.4		mg/Kg		175.1	0.7 - 205.4
Selenium	215	210.9		mg/Kg		98.1	78.1 - 121.9
Thallium	67.7	68.25		mg/Kg		100.8	80.1 - 120.1
Vanadium	177	187.2		mg/Kg		105.8	78.0 - 122.0
Zinc	360	354.4		mg/Kg		98.5	79.7 - 120.3

Lab Sample ID: 460-267346-2 MS
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: B-04-C
Prep Type: Total/NA
Prep Batch: 872300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.15	J	4.41	3.68		mg/Kg	☼	80	75 - 125
Aluminum	16500		441	15710	4	mg/Kg	☼	-176	75 - 125
Arsenic	7.1		8.83	14.92		mg/Kg	☼	89	75 - 125
Barium	104		8.83	102.0	4	mg/Kg	☼	-23	75 - 125
Beryllium	0.64		4.41	5.08		mg/Kg	☼	101	75 - 125
Calcium	6160		441	6114	4	mg/Kg	☼	-10	75 - 125
Cadmium	0.30	J	4.41	4.77		mg/Kg	☼	101	75 - 125
Cobalt	8.2		4.41	11.83		mg/Kg	☼	83	75 - 125
Chromium	26.1		8.83	33.99		mg/Kg	☼	89	75 - 125
Copper	30.2	F1	8.83	96.09	F1	mg/Kg	☼	747	75 - 125
Iron	22600		441	22140	4	mg/Kg	☼	-99	75 - 125
Potassium	1820		441	2440	4	mg/Kg	☼	141	75 - 125
Magnesium	3480		441	3913	4	mg/Kg	☼	98	75 - 125

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-267346-2 MS
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: B-04-C
Prep Type: Total/NA
Prep Batch: 872300

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Manganese	286		44.1	309.2	4	mg/Kg	☼	52	75 - 125	
Sodium	92.7	J	441	525.0		mg/Kg	☼	98	75 - 125	
Nickel	16.7		8.83	23.42		mg/Kg	☼	76	75 - 125	
Lead	165		4.41	156.3	4	mg/Kg	☼	-188	75 - 125	
Antimony	0.90	J	4.41	5.09		mg/Kg	☼	95	75 - 125	
Selenium	0.49	J	8.83	8.39		mg/Kg	☼	89	75 - 125	
Thallium	0.16	J	3.53	3.59		mg/Kg	☼	97	75 - 125	
Vanadium	34.7		8.83	41.70		mg/Kg	☼	80	75 - 125	
Zinc	117		44.1	162.6		mg/Kg	☼	103	75 - 125	

Lab Sample ID: 460-267346-2 DU
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: B-04-C
Prep Type: Total/NA
Prep Batch: 872300

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Silver	0.15	J	0.133	J	mg/Kg	☼	12	20	
Aluminum	16500		14280		mg/Kg	☼	14	20	
Arsenic	7.1		13.30	F3	mg/Kg	☼	61	20	
Barium	104		98.26		mg/Kg	☼	6	20	
Beryllium	0.64		0.625		mg/Kg	☼	2	20	
Calcium	6160		5772		mg/Kg	☼	6	20	
Cadmium	0.30	J	0.277	J	mg/Kg	☼	8	20	
Cobalt	8.2		8.57		mg/Kg	☼	5	20	
Chromium	26.1		25.26		mg/Kg	☼	3	20	
Copper	30.2	F1	51.51	F3	mg/Kg	☼	52	20	
Iron	22600		22350		mg/Kg	☼	1	20	
Potassium	1820		1840		mg/Kg	☼	1	20	
Magnesium	3480		3305		mg/Kg	☼	5	20	
Manganese	286		277.4		mg/Kg	☼	3	20	
Sodium	92.7	J	95.22		mg/Kg	☼	3	20	
Nickel	16.7		15.62		mg/Kg	☼	7	20	
Lead	165		182.3		mg/Kg	☼	10	20	
Antimony	0.90	J	1.09		mg/Kg	☼	19	20	
Selenium	0.49	J	0.488	J	mg/Kg	☼	0.3	20	
Thallium	0.16	J	0.160	J	mg/Kg	☼	3	20	
Vanadium	34.7		33.07		mg/Kg	☼	5	20	
Zinc	117		132.0		mg/Kg	☼	12	20	

Lab Sample ID: MB 460-872301/1-A
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872301

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Silver	0.089	U	0.40	0.089	mg/Kg		10/16/22 23:00	10/18/22 14:53		1
Aluminum	5.5	U	20.0	5.5	mg/Kg		10/16/22 23:00	10/18/22 14:53		1
Arsenic	0.10	U	1.0	0.10	mg/Kg		10/16/22 23:00	10/18/22 14:53		1
Barium	0.15	U	2.0	0.15	mg/Kg		10/16/22 23:00	10/18/22 14:53		1
Beryllium	0.057	U	0.40	0.057	mg/Kg		10/16/22 23:00	10/18/22 14:53		1
Calcium	17.7	U	100	17.7	mg/Kg		10/16/22 23:00	10/18/22 14:53		1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-872301/1-A
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872301

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	0.11	U	1.0	0.11	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Chromium	0.91	U	2.0	0.91	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Copper	0.37	U	2.0	0.37	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Iron	20.2	U	60.0	20.2	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Potassium	16.2	U	100	16.2	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Magnesium	10.2	U	100	10.2	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Manganese	0.40	U	4.0	0.40	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Sodium	45.7	U	100	45.7	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Nickel	0.47	U	2.0	0.47	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Lead	0.20	U	0.60	0.20	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Antimony	0.15	U	1.0	0.15	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Selenium	0.13	U	1.3	0.13	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Thallium	0.041	U	0.40	0.041	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		10/16/22 23:00	10/18/22 14:53	1
Zinc	3.1	U	8.0	3.1	mg/Kg		10/16/22 23:00	10/18/22 14:53	1

Lab Sample ID: LCSSRM 460-872301/2-A ^20
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872301

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Silver	78.5	80.91		mg/Kg		103.1	78.9 - 121.	1
Aluminum	7690	8518		mg/Kg		110.8	45.3 - 154.	7
Arsenic	112	113.3		mg/Kg		101.1	82.0 - 118.	8
Barium	154	158.5		mg/Kg		102.9	81.8 - 118.	2
Beryllium	121	121.2		mg/Kg		100.2	82.2 - 118.	2
Calcium	4590	4394		mg/Kg		95.7	81.0 - 119.	2
Cadmium	196	195.6		mg/Kg		99.8	82.1 - 118.	4
Cobalt	46.4	46.93		mg/Kg		101.2	83.2 - 116.	6
Chromium	103	109.9		mg/Kg		106.7	80.8 - 118.	4
Copper	70.4	72.52		mg/Kg		103.0	83.4 - 116.	6
Iron	13400	18520		mg/Kg		138.2	58.2 - 141.	8
Potassium	1940	2060		mg/Kg		106.2	68.0 - 131.	4
Magnesium	2240	2400		mg/Kg		107.1	75.4 - 125.	0
Manganese	373	379.1		mg/Kg		101.6	81.5 - 118.	5
Sodium	132	914	U	mg/Kg		119.0	71.4 - 129.	5

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-872301/2-A ^20
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872301

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	249	255.1		mg/Kg		102.5	81.9 - 118.1
Lead	73.2	74.79		mg/Kg		102.2	82.8 - 117.3
Antimony	111	200.4		mg/Kg		180.6	0.7 - 205.4
Selenium	215	220.9		mg/Kg		102.7	78.1 - 121.9
Thallium	67.7	71.10		mg/Kg		105.0	80.1 - 120.1
Vanadium	177	190.6		mg/Kg		107.7	78.0 - 122.0
Zinc	360	360.2		mg/Kg		100.0	79.7 - 120.3

Lab Sample ID: 460-267445-B-16-C MS
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.077	U	4.58	3.82		mg/Kg	☼	83	75 - 125
Aluminum	10700		458	11660	4	mg/Kg	☼	218	75 - 125
Arsenic	2.1		9.15	9.91		mg/Kg	☼	85	75 - 125
Barium	15.0		9.15	25.12		mg/Kg	☼	111	75 - 125
Beryllium	0.11	J	4.58	4.84		mg/Kg	☼	103	75 - 125
Calcium	146		458	602.8		mg/Kg	☼	100	75 - 125
Cadmium	0.098	U	4.58	4.89		mg/Kg	☼	107	75 - 125
Cobalt	1.1	J	4.58	5.76		mg/Kg	☼	102	75 - 125
Chromium	12.6		9.15	22.28		mg/Kg	☼	105	75 - 125
Copper	3.4		9.15	12.85		mg/Kg	☼	103	75 - 125
Iron	8210		458	8397	4	mg/Kg	☼	41	75 - 125
Potassium	219		458	710.2		mg/Kg	☼	107	75 - 125
Magnesium	429		458	929.1		mg/Kg	☼	109	75 - 125
Manganese	49.9		45.8	95.29		mg/Kg	☼	99	75 - 125
Sodium	39.6	U	458	507.1		mg/Kg	☼	111	75 - 125
Nickel	4.4		9.15	14.07		mg/Kg	☼	106	75 - 125
Lead	12.2		4.58	17.19		mg/Kg	☼	109	75 - 125
Antimony	0.20	J	4.58	4.85		mg/Kg	☼	102	75 - 125
Selenium	0.35	J	9.15	7.88		mg/Kg	☼	82	75 - 125
Thallium	0.075	J	3.66	3.86		mg/Kg	☼	103	75 - 125
Vanadium	18.4		9.15	28.03		mg/Kg	☼	106	75 - 125
Zinc	12.0		45.8	58.09		mg/Kg	☼	101	75 - 125

Lab Sample ID: 460-267445-B-16-B DU
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 872301

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Silver	0.077	U	0.080	U	mg/Kg	☼	NC	20
Aluminum	10700		10020		mg/Kg	☼	6	20
Arsenic	2.1		1.98		mg/Kg	☼	7	20

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-267445-B-16-B DU
Matrix: Solid
Analysis Batch: 872642

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 872301

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Barium	15.0		13.92		mg/Kg	☼	7	20
Beryllium	0.11	J	0.104	J	mg/Kg	☼	10	20
Calcium	146		134.8		mg/Kg	☼	8	20
Cadmium	0.098	U	0.10	U	mg/Kg	☼	NC	20
Cobalt	1.1	J	1.01	J	mg/Kg	☼	5	20
Chromium	12.6		12.34		mg/Kg	☼	2	20
Copper	3.4		3.19		mg/Kg	☼	6	20
Iron	8210		7680		mg/Kg	☼	7	20
Potassium	219		200.2		mg/Kg	☼	9	20
Magnesium	429		394.8		mg/Kg	☼	8	20
Manganese	49.9		46.48		mg/Kg	☼	7	20
Sodium	39.6	U	40.9	U	mg/Kg	☼	NC	20
Nickel	4.4		4.18		mg/Kg	☼	5	20
Lead	12.2		11.40		mg/Kg	☼	7	20
Antimony	0.20	J	0.184	J	mg/Kg	☼	8	20
Selenium	0.35	J	0.341	J	mg/Kg	☼	4	20
Thallium	0.075	J	0.0706	J	mg/Kg	☼	6	20
Vanadium	18.4		17.28		mg/Kg	☼	6	20
Zinc	12.0		10.97		mg/Kg	☼	9	20

Lab Sample ID: MB 460-872598/1-A
Matrix: Solid
Analysis Batch: 872840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872598

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	0.00029	U	0.0020	0.00029	mg/L		10/18/22 10:40	10/19/22 15:21	1
Arsenic	0.00089	U	0.0020	0.00089	mg/L		10/18/22 10:40	10/19/22 15:21	1
Barium	0.00091	U	0.0040	0.00091	mg/L		10/18/22 10:40	10/19/22 15:21	1
Cadmium	0.00039	U	0.0020	0.00039	mg/L		10/18/22 10:40	10/19/22 15:21	1
Chromium	0.0025	U	0.0040	0.0025	mg/L		10/18/22 10:40	10/19/22 15:21	1
Lead	0.00084	U	0.0012	0.00084	mg/L		10/18/22 10:40	10/19/22 15:21	1
Selenium	0.00059	U	0.0025	0.00059	mg/L		10/18/22 10:40	10/19/22 15:21	1

Lab Sample ID: MB 460-872614/1-A
Matrix: Solid
Analysis Batch: 872840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872614

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	0.00029	U	0.0020	0.00029	mg/L		10/18/22 11:37	10/19/22 16:01	1
Arsenic	0.00089	U	0.0020	0.00089	mg/L		10/18/22 11:37	10/19/22 16:01	1
Barium	0.00091	U	0.0040	0.00091	mg/L		10/18/22 11:37	10/19/22 16:01	1
Cadmium	0.00039	U	0.0020	0.00039	mg/L		10/18/22 11:37	10/19/22 16:01	1
Chromium	0.0025	U	0.0040	0.0025	mg/L		10/18/22 11:37	10/19/22 16:01	1
Lead	0.00084	U	0.0012	0.00084	mg/L		10/18/22 11:37	10/19/22 16:01	1
Selenium	0.00059	U	0.0025	0.00059	mg/L		10/18/22 11:37	10/19/22 16:01	1

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-872614/2-A ^10
Matrix: Solid
Analysis Batch: 872840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872614

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.500	0.492		mg/L		98	80 - 120
Arsenic	5.00	5.05		mg/L		101	80 - 120
Barium	10.0	10.37		mg/L		104	80 - 120
Cadmium	1.00	1.02		mg/L		102	80 - 120
Chromium	5.00	5.11		mg/L		102	80 - 120
Lead	5.00	5.10		mg/L		102	80 - 120
Selenium	1.00	0.992		mg/L		99	80 - 120

Lab Sample ID: LB 460-872159/1-F ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872293

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0029	U	0.020	0.0029	mg/L		10/16/22 19:35	10/17/22 14:30	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/16/22 19:35	10/17/22 14:30	10
Barium	0.0091	U	0.040	0.0091	mg/L		10/16/22 19:35	10/17/22 14:30	10
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/16/22 19:35	10/17/22 14:30	10
Chromium	0.025	U	0.040	0.025	mg/L		10/16/22 19:35	10/17/22 14:30	10
Lead	0.0084	U	0.012	0.0084	mg/L		10/16/22 19:35	10/17/22 14:30	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/16/22 19:35	10/17/22 14:30	10

Lab Sample ID: 460-267352-A-1-H MS ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 872293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0029	U	0.500	0.533		mg/L		107	75 - 125
Arsenic	0.0089	U	5.00	5.36		mg/L		107	75 - 125
Barium	0.48		10.0	11.24		mg/L		108	75 - 125
Cadmium	0.0039	U	1.00	1.13		mg/L		113	75 - 125
Chromium	0.025	U	5.00	5.50		mg/L		110	75 - 125
Lead	3.6		5.00	9.10		mg/L		111	75 - 125
Selenium	0.0059	U	1.00	1.06		mg/L		106	75 - 125

Lab Sample ID: 460-267352-A-1-G DU ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 872293

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	0.0029	U	0.0029	U	mg/L		NC	20
Arsenic	0.0089	U	0.0089	U	mg/L		NC	20
Barium	0.48		0.495		mg/L		3	20
Cadmium	0.0039	U	0.0039	U	mg/L		NC	20
Chromium	0.025	U	0.025	U	mg/L		NC	20
Lead	3.6		3.65		mg/L		3	20
Selenium	0.0059	U	0.0059	U	mg/L		NC	20

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB 460-872277/1-F ^10
Matrix: Solid
Analysis Batch: 872840

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872598

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	0.0029	U	0.020	0.0029	mg/L		10/18/22 10:40	10/19/22 15:56	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/18/22 10:40	10/19/22 15:56	10
Barium	0.0091	U	0.040	0.0091	mg/L		10/18/22 10:40	10/19/22 15:56	10
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/18/22 10:40	10/19/22 15:56	10
Chromium	0.025	U	0.040	0.025	mg/L		10/18/22 10:40	10/19/22 15:56	10
Lead	0.0084	U	0.012	0.0084	mg/L		10/18/22 10:40	10/19/22 15:56	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/18/22 10:40	10/19/22 15:56	10

Lab Sample ID: 460-267437-C-6-I MS ^10
Matrix: Solid
Analysis Batch: 872840

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 872614

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Silver	0.0029	U	0.500	0.498		mg/L		100	75 - 125
Arsenic	0.0089	U	5.00	5.29		mg/L		106	75 - 125
Barium	0.53		10.0	11.05		mg/L		105	75 - 125
Cadmium	0.0039	U	1.00	1.04		mg/L		104	75 - 125
Chromium	0.025	U	5.00	5.21		mg/L		104	75 - 125
Lead	0.082		5.00	5.34		mg/L		105	75 - 125
Selenium	0.0059	U	1.00	1.00		mg/L		100	75 - 125

Lab Sample ID: 460-267437-C-6-H DU ^10
Matrix: Solid
Analysis Batch: 872840

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 872614

Analyte	Sample Result	Sample Qualifier	DU DU		Unit	D	RPD	RPD Limit
			Result	Qualifier				
Silver	0.0029	U	0.0029	U	mg/L		NC	20
Arsenic	0.0089	U	0.0089	U	mg/L		NC	20
Barium	0.53		0.528		mg/L		0.6	20
Cadmium	0.0039	U	0.0039	U	mg/L		NC	20
Chromium	0.025	U	0.025	U	mg/L		NC	20
Lead	0.082		0.0838		mg/L		2	20
Selenium	0.0059	U	0.0059	U	mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-872416/1-A
Matrix: Solid
Analysis Batch: 872447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872416

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/17/22 14:00	10/17/22 15:02	1

Lab Sample ID: LCS 460-872416/2-A
Matrix: Solid
Analysis Batch: 872447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872416

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Mercury	0.00500	0.00478		mg/L		96	80 - 120

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 460-872605/1-A
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 11:11	10/18/22 14:09	1

Lab Sample ID: LCS 460-872605/2-A
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00492		mg/L		98	80 - 120

Lab Sample ID: MB 460-872641/1-A
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 13:56	10/18/22 15:18	1

Lab Sample ID: LCS 460-872641/2-A
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00490		mg/L		98	80 - 120

Lab Sample ID: LB 460-872159/1-G
Matrix: Solid
Analysis Batch: 872447

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872416

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/17/22 14:00	10/17/22 15:45	1

Lab Sample ID: LB 460-872276/1-F
Matrix: Solid
Analysis Batch: 872447

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872416

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/17/22 14:00	10/17/22 15:43	1

Lab Sample ID: 460-267437-G-36-I MS
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 872605

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000091	U	0.00500	0.00465		mg/L		93	75 - 125

Lab Sample ID: 460-267437-G-36-H DU
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 872605

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.000091	U	0.000091	U	mg/L		NC	20

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 460-872277/1-H
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872641

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/18/22 13:56	10/18/22 15:54	1

Lab Sample ID: 460-267459-4 MS
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: B-10-C
Prep Type: TCLP
Prep Batch: 872641

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Mercury	0.000091	U	0.00500	0.00486		mg/L		97	75 - 125

Lab Sample ID: 460-267459-4 DU
Matrix: Solid
Analysis Batch: 872691

Client Sample ID: B-10-C
Prep Type: TCLP
Prep Batch: 872641

Analyte	Sample Result	Sample Qualifier	DU DU		Unit	D	RPD	Limit
			Result	Qualifier				
Mercury	0.000091	U	0.000091	U	mg/L		NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-871854/10-A
Matrix: Solid
Analysis Batch: 871901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871854

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0080	U	0.017	0.0080	mg/Kg		10/14/22 00:17	10/14/22 03:46	1

Lab Sample ID: LCSSRM 460-871854/11-A ^40
Matrix: Solid
Analysis Batch: 871901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871854

Analyte	Spike Added	LCSSRM LCSSRM		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Mercury	13.2	14.53		mg/Kg		110.1	58.0 - 142.4

Lab Sample ID: 460-267289-F-13-C MS
Matrix: Solid
Analysis Batch: 871901

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 871854

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Mercury	0.0088	U	0.0917	0.0901		mg/Kg	⊛	98	80 - 120

Lab Sample ID: 460-267289-F-13-B DU
Matrix: Solid
Analysis Batch: 871901

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 871854

Analyte	Sample Result	Sample Qualifier	DU DU		Unit	D	RPD	Limit
			Result	Qualifier				
Mercury	0.0088	U	0.0088	U	mg/Kg	⊛	NC	20

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: MB 460-872302/10-A
Matrix: Solid
Analysis Batch: 872342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.017	0.0080	mg/Kg		10/17/22 00:30	10/17/22 03:53	1

Lab Sample ID: LCSSRM 460-872302/11-A ^40
Matrix: Solid
Analysis Batch: 872342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872302

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	13.2	14.68		mg/Kg		111.2	58.0 - 142.4

Lab Sample ID: 460-267437-B-18-E MS
Matrix: Solid
Analysis Batch: 872342

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872302

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.059	F1	0.0961	0.187	F1	mg/Kg	☼	133	80 - 120

Lab Sample ID: 460-267437-B-18-D DU
Matrix: Solid
Analysis Batch: 872342

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 872302

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.059	F1	0.0674		mg/Kg	☼	13	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-267346-2 DU
Matrix: Solid
Analysis Batch: 872624

Client Sample ID: B-04-C
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Burn Rate	2.20	U	2.20	U	mm/sec		NC	10

Lab Sample ID: 200-65234-A-1 DU
Matrix: Solid
Analysis Batch: 872863

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Burn Rate	2.20	U	2.20	U	mm/sec		NC	10

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 460-872187/1-A
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872187

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.13	U	0.24	0.13	mg/L		10/15/22 19:24	10/16/22 15:21	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCSSRM 460-872187/2-A ^20
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872187

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	115	76.80		mg/L		66.8	25.6 - 125.2

Lab Sample ID: 460-267366-J-2-H MS
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872187

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.58	F1	8.90	12.55	F1	mg/L	✳	134	26 - 120

Lab Sample ID: 460-267366-J-2-I MSD
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 872187

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.58	F1	8.26	8.72		mg/L	✳	98	26 - 120	36	40

Lab Sample ID: MB 460-872221/2-A
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0055	U	0.010	0.0055	mg/L		10/16/22 10:46	10/16/22 14:12	1

Lab Sample ID: MRL 460-872221/1-A
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872221

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0107		mg/L		107	50 - 150

Lab Sample ID: MB 460-872809/2-A
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.13	U	0.24	0.13	mg/Kg		10/19/22 08:57	10/19/22 14:22	1

Lab Sample ID: MRL 460-872809/1-A
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872809

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0104		mg/L		104	50 - 150

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 460-872814/1-A
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.13	U	0.24	0.13	mg/Kg		10/19/22 09:27	10/19/22 14:52	1

Lab Sample ID: LCSSRM 460-872814/2-A ^20
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872814

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	115	67.20		mg/Kg		58.4	25.6 - 125.2

Lab Sample ID: 460-267437-B-42-B MS
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.34	F1	5.62	6.71		mg/Kg	☼	114	26 - 120

Lab Sample ID: 460-267437-B-42-C MSD
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 872814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Cyanide, Total	0.34	F1	5.62	7.41	F1	mg/Kg	☼	126	26 - 120	10	40

Lab Sample ID: MB 460-872818/1-A
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.13	U	0.24	0.13	mg/Kg		10/19/22 09:38	10/19/22 15:25	1

Lab Sample ID: LCSSRM 460-872818/2-A ^20
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872818

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	115	62.88		mg/Kg		54.7	25.6 - 125.2

Lab Sample ID: 460-267459-8 MS
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: B-12-C
Prep Type: Total/NA
Prep Batch: 872818

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.21	J	5.18	6.40		mg/Kg	☼	119	26 - 120

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 460-267459-8 MSD
Matrix: Solid
Analysis Batch: 872889

Client Sample ID: B-12-C
Prep Type: Total/NA
Prep Batch: 872818

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.21	J	5.18	5.86		mg/Kg	☼	109	26 - 120	9	40

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-872672/22-A
Matrix: Solid
Analysis Batch: 872677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872672

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1

Lab Sample ID: LCS 460-872672/23-A
Matrix: Solid
Analysis Batch: 872677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	40.0	25.0	U	mg/Kg		12	10 - 100

Lab Sample ID: 460-267346-2 DU
Matrix: Solid
Analysis Batch: 872677

Client Sample ID: B-04-C
Prep Type: Total/NA
Prep Batch: 872672

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	25.0	U	25.0	U	mg/Kg		NC	10

Lab Sample ID: MB 460-872894/1-A
Matrix: Solid
Analysis Batch: 872900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872894

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1

Lab Sample ID: LCS 460-872894/2-A
Matrix: Solid
Analysis Batch: 872900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	40.0	25.0	U	mg/Kg		12	10 - 100

Lab Sample ID: 460-267437-B-6-H DU
Matrix: Solid
Analysis Batch: 872900

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 872894

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	25.0	U	25.0	U	mg/Kg		NC	10

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-872669/24-A
Matrix: Solid
Analysis Batch: 872675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872669

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		10/18/22 10:00	10/18/22 14:00	1

Lab Sample ID: LCSSRM 460-872669/26-A
Matrix: Solid
Analysis Batch: 872675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872669

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	70.9	88.17		mg/Kg		124.4	46.7 - 142.5

Lab Sample ID: 460-267346-2 MS
Matrix: Solid
Analysis Batch: 872675

Client Sample ID: B-04-C
Prep Type: Total/NA
Prep Batch: 872669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	20.0	U F1	473	216.4	F1	mg/Kg		46	64 - 136

Lab Sample ID: 460-267346-2 MSD
Matrix: Solid
Analysis Batch: 872675

Client Sample ID: B-04-C
Prep Type: Total/NA
Prep Batch: 872669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U F1	473	232.4	F1	mg/Kg		49	64 - 136	7	10

Lab Sample ID: MB 460-872892/1-A
Matrix: Solid
Analysis Batch: 872898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872892

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		10/19/22 10:00	10/19/22 14:00	1

Lab Sample ID: LCSSRM 460-872892/3-A
Matrix: Solid
Analysis Batch: 872898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872892

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	70.9	88.17		mg/Kg		124.4	46.7 - 142.5

Lab Sample ID: 460-267437-B-6-E MS
Matrix: Solid
Analysis Batch: 872898

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 872892

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	20.0	U	473	312.6		mg/Kg		66	64 - 136

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: 460-267437-B-6-F MSD
Matrix: Solid
Analysis Batch: 872898

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 872892

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U	473	304.6		mg/Kg		64	64 - 136	3	10

Method: 9045D - pH

Lab Sample ID: MB 460-872673/2
Matrix: Solid
Analysis Batch: 872673

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.8				SU			10/18/22 13:18	1
Temperature	22.8				Degrees C			10/18/22 13:18	1
Corrosivity	5.8				SU			10/18/22 13:18	1

Lab Sample ID: LCSSRM 460-872673/3
Matrix: Solid
Analysis Batch: 872673

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
pH	6.27	6.3		SU		100.3	96.8 - 103.2
Corrosivity	6.27	6.3		SU		100.3	96.8 - 103.2

Lab Sample ID: 460-266725-E-3 DU
Matrix: Solid
Analysis Batch: 872673

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.6		9.6		SU		0.3	10
Temperature	23.2		22.8		Degrees C		2	10
Corrosivity	9.6		9.6		SU		0.3	10

Lab Sample ID: MB 460-872890/2
Matrix: Solid
Analysis Batch: 872890

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.9				SU			10/19/22 13:31	1
Temperature	22.0				Degrees C			10/19/22 13:31	1
Corrosivity	5.9				SU			10/19/22 13:31	1

Lab Sample ID: LCSSRM 460-872890/3
Matrix: Solid
Analysis Batch: 872890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
pH	6.27	6.3		SU		100.3	96.8 - 103.2
Corrosivity	6.27	6.3		SU		100.3	96.8 - 103.2

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: 9045D - pH (Continued)

Lab Sample ID: 200-65234-A-1 DU
Matrix: Solid
Analysis Batch: 872890

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	5.4		5.3		SU		0.6	10
Temperature	21.6		21.5		Degrees C		0.5	10
Corrosivity	5.4		5.3		SU		0.6	10

Method: 9095B - Paint Filter

Lab Sample ID: 460-267346-2 DU
Matrix: Solid
Analysis Batch: 872395

Client Sample ID: B-04-C
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Free Liquid	0.500	U	0.500	U	mL/100g		NC	10

Lab Sample ID: 200-65234-A-1 DU
Matrix: Solid
Analysis Batch: 872864

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Free Liquid	0.500	U	0.500	U	mL/100g		NC	10

Method: Moisture - Percent Moisture

Lab Sample ID: 460-267256-A-3 DU
Matrix: Solid
Analysis Batch: 871898

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	14.7		16.2		%		10	20
Percent Solids	85.3		83.8		%		2	20

Lab Sample ID: 460-267335-F-5 DU
Matrix: Solid
Analysis Batch: 871898

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	15.9		15.8		%		0.5	20
Percent Solids	84.1		84.2		%		0.09	20

Lab Sample ID: 460-267462-E-8 DU
Matrix: Solid
Analysis Batch: 872239

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	11.7		11.4		%		3	20
Percent Solids	88.3		88.6		%		0.4	20

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-267346-9 DU
Matrix: Solid
Analysis Batch: 872243

Client Sample ID: B-08-G
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	13.3		12.6		%		6	20
Percent Solids	86.7		87.4		%		0.9	20

Lab Sample ID: 460-267459-12 DU
Matrix: Solid
Analysis Batch: 872341

Client Sample ID: B-01-C
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	10.0		13.4	F3	%		29	20
Percent Solids	90.0		86.6		%		4	20

Lab Sample ID: 460-267687-A-4 DU
Matrix: Solid
Analysis Batch: 872477

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture			10.8		%			
Percent Solids			89.2		%			

Method: SM 2540G - Total, Fixed, and Volatile Solids

Lab Sample ID: 460-267346-2 DU
Matrix: Solid
Analysis Batch: 872352

Client Sample ID: B-04-C
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Volatile Solids	2.6		2.63		%		0.08	5

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC/MS VOA

Analysis Batch: 871872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-11	Test Blank	Total/NA	Water	8260D	
MB 460-871872/8	Method Blank	Total/NA	Water	8260D	
LCS 460-871872/3	Lab Control Sample	Total/NA	Water	8260D	
460-266860-D-4 MS	Matrix Spike	Total/NA	Water	8260D	
460-266860-D-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Leach Batch: 872167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-1	B-04-G	TCLP	Solid	1311	
460-267346-3	B-05-G	TCLP	Solid	1311	
460-267346-5	B-06-G	TCLP	Solid	1311	
460-267346-7	B-07-G	TCLP	Solid	1311	
460-267346-9	B-08-G	TCLP	Solid	1311	
LB 460-872167/1-A	Method Blank	TCLP	Solid	1311	

Prep Batch: 872209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-1	B-04-G	Total/NA	Solid	5035	
460-267346-3	B-05-G	Total/NA	Solid	5035	
460-267346-5	B-06-G	Total/NA	Solid	5035	
460-267346-7	B-07-G	Total/NA	Solid	5035	
460-267346-9	B-08-G	Total/NA	Solid	5035	

Prep Batch: 872224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-1	B-09-G	Total/NA	Solid	5035	
460-267459-3	B-10-G	Total/NA	Solid	5035	
460-267459-5	B-11-G	Total/NA	Solid	5035	
460-267459-7	B-12-G	Total/NA	Solid	5035	
460-267459-9	B-13-G	Total/NA	Solid	5035	
460-267459-11	B-01-G	Total/NA	Solid	5035	

Leach Batch: 872298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-1	B-09-G	TCLP	Solid	1311	
460-267459-3	B-10-G	TCLP	Solid	1311	
460-267459-5	B-11-G	TCLP	Solid	1311	
460-267459-7	B-12-G	TCLP	Solid	1311	
460-267459-9	B-13-G	TCLP	Solid	1311	
460-267459-11	B-01-G	TCLP	Solid	1311	
LB 460-872298/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 872321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872167/1-A	Method Blank	TCLP	Solid	8260D	872167
MB 460-872321/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-872321/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872321/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC/MS VOA

Analysis Batch: 872325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-1	B-04-G	TCLP	Solid	8260D	872167
460-267346-3	B-05-G	TCLP	Solid	8260D	872167
460-267346-5	B-06-G	TCLP	Solid	8260D	872167
460-267346-7	B-07-G	TCLP	Solid	8260D	872167
460-267346-9	B-08-G	TCLP	Solid	8260D	872167
MB 460-872325/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872325/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872325/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-5	B-06-G	Total/NA	Solid	8260D	872209
460-267346-7	B-07-G	Total/NA	Solid	8260D	872209
460-267346-9	B-08-G	Total/NA	Solid	8260D	872209
MB 460-872434/31	Method Blank	Total/NA	Solid	8260D	
LCS 460-872434/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872434/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-3	B-05-G	Total/NA	Solid	8260D	872209
MB 460-872520/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872520/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872520/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872298/1-A	Method Blank	TCLP	Solid	8260D	872298
MB 460-872525/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872525/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872525/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-1	B-09-G	TCLP	Solid	8260D	872298
460-267459-3	B-10-G	TCLP	Solid	8260D	872298
460-267459-5	B-11-G	TCLP	Solid	8260D	872298
460-267459-7	B-12-G	TCLP	Solid	8260D	872298
460-267459-9	B-13-G	TCLP	Solid	8260D	872298
460-267459-11	B-01-G	TCLP	Solid	8260D	872298
MB 460-872652/10	Method Blank	Total/NA	Solid	8260D	
LCS 460-872652/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872652/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-1	B-04-G	Total/NA	Solid	8260D	872209
MB 460-872654/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872654/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872654/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC/MS VOA

Analysis Batch: 872655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-3	B-10-G	Total/NA	Solid	8260D	872224
460-267459-7	B-12-G	Total/NA	Solid	8260D	872224
460-267459-9	B-13-G	Total/NA	Solid	8260D	872224
460-267459-11	B-01-G	Total/NA	Solid	8260D	872224
MB 460-872655/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872655/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872655/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-1	B-09-G	Total/NA	Solid	8260D	872224
460-267459-5	B-11-G	Total/NA	Solid	8260D	872224
MB 460-872776/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872776/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872776/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 871842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	3546	
460-267346-4	B-05-C	Total/NA	Solid	3546	
460-267346-6	B-06-C	Total/NA	Solid	3546	
460-267346-8	B-07-C	Total/NA	Solid	3546	
460-267346-10	B-08-C	Total/NA	Solid	3546	
MB 460-871842/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871842/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871842/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-267346-2 MS	B-04-C	Total/NA	Solid	3546	
460-267346-2 MSD	B-04-C	Total/NA	Solid	3546	

Analysis Batch: 871889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	8270E	871842
460-267346-4	B-05-C	Total/NA	Solid	8270E	871842
460-267346-6	B-06-C	Total/NA	Solid	8270E	871842
460-267346-8	B-07-C	Total/NA	Solid	8270E	871842
460-267346-10	B-08-C	Total/NA	Solid	8270E	871842
MB 460-871842/1-A	Method Blank	Total/NA	Solid	8270E	871842
LCS 460-871842/2-A	Lab Control Sample	Total/NA	Solid	8270E	871842
LCSD 460-871842/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	871842
460-267346-2 MS	B-04-C	Total/NA	Solid	8270E	871842
460-267346-2 MSD	B-04-C	Total/NA	Solid	8270E	871842

Prep Batch: 872055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	3546	
460-267459-4	B-10-C	Total/NA	Solid	3546	
460-267459-6	B-11-C	Total/NA	Solid	3546	
460-267459-8	B-12-C	Total/NA	Solid	3546	
460-267459-10	B-13-C	Total/NA	Solid	3546	

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC/MS Semi VOA (Continued)

Prep Batch: 872055 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-12	B-01-C	Total/NA	Solid	3546	
MB 460-872055/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-872055/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-872055/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-267429-E-1-B MS	Matrix Spike	Total/NA	Solid	3546	
460-267429-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Leach Batch: 872159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	1311	
460-267346-4	B-05-C	TCLP	Solid	1311	
460-267346-6	B-06-C	TCLP	Solid	1311	
460-267346-8	B-07-C	TCLP	Solid	1311	
460-267346-10	B-08-C	TCLP	Solid	1311	
LB 460-872159/1-D	Method Blank	TCLP	Solid	1311	

Analysis Batch: 872180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-4	B-10-C	Total/NA	Solid	8270E	872055
460-267459-6	B-11-C	Total/NA	Solid	8270E	872055
460-267459-8	B-12-C	Total/NA	Solid	8270E	872055
460-267459-10	B-13-C	Total/NA	Solid	8270E	872055
MB 460-872055/1-A	Method Blank	Total/NA	Solid	8270E	872055
LCS 460-872055/2-A	Lab Control Sample	Total/NA	Solid	8270E	872055
LCSD 460-872055/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	872055
460-267429-E-1-B MS	Matrix Spike	Total/NA	Solid	8270E	872055
460-267429-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	872055

Prep Batch: 872220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	3510C	872159
460-267346-4	B-05-C	TCLP	Solid	3510C	872159
460-267346-6	B-06-C	TCLP	Solid	3510C	872159
460-267346-8	B-07-C	TCLP	Solid	3510C	872159
460-267346-10	B-08-C	TCLP	Solid	3510C	872159
LB 460-872159/1-D	Method Blank	TCLP	Solid	3510C	872159
MB 460-872220/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-872220/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-872220/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 872265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	8270E	872220
460-267346-4	B-05-C	TCLP	Solid	8270E	872220
460-267346-6	B-06-C	TCLP	Solid	8270E	872220
460-267346-8	B-07-C	TCLP	Solid	8270E	872220
460-267346-10	B-08-C	TCLP	Solid	8270E	872220
LB 460-872159/1-D	Method Blank	TCLP	Solid	8270E	872220
MB 460-872220/1-A	Method Blank	Total/NA	Solid	8270E	872220
LCS 460-872220/2-A	Lab Control Sample	Total/NA	Solid	8270E	872220
LCSD 460-872220/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	872220

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC/MS Semi VOA

Analysis Batch: 872270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	8270E	872055
460-267459-12	B-01-C	Total/NA	Solid	8270E	872055

Leach Batch: 872277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	1311	
460-267459-4	B-10-C	TCLP	Solid	1311	
460-267459-6	B-11-C	TCLP	Solid	1311	
460-267459-8	B-12-C	TCLP	Solid	1311	
460-267459-10	B-13-C	TCLP	Solid	1311	
460-267459-12	B-01-C	TCLP	Solid	1311	
LB 460-872277/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 872487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	3510C	872277
460-267459-4	B-10-C	TCLP	Solid	3510C	872277
460-267459-6	B-11-C	TCLP	Solid	3510C	872277
460-267459-8	B-12-C	TCLP	Solid	3510C	872277
460-267459-10	B-13-C	TCLP	Solid	3510C	872277
460-267459-12	B-01-C	TCLP	Solid	3510C	872277
LB 460-872277/1-C	Method Blank	TCLP	Solid	3510C	872277
MB 460-872487/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-872487/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-872487/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 872561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	8270E	872487
460-267459-4	B-10-C	TCLP	Solid	8270E	872487
460-267459-6	B-11-C	TCLP	Solid	8270E	872487
460-267459-8	B-12-C	TCLP	Solid	8270E	872487
460-267459-10	B-13-C	TCLP	Solid	8270E	872487
460-267459-12	B-01-C	TCLP	Solid	8270E	872487
LB 460-872277/1-C	Method Blank	TCLP	Solid	8270E	872487
MB 460-872487/1-A	Method Blank	Total/NA	Solid	8270E	872487
LCS 460-872487/2-A	Lab Control Sample	Total/NA	Solid	8270E	872487
LCSD 460-872487/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	872487

GC Semi VOA

Prep Batch: 871804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	3546	
460-267346-4	B-05-C	Total/NA	Solid	3546	
460-267346-6	B-06-C	Total/NA	Solid	3546	
460-267346-8	B-07-C	Total/NA	Solid	3546	
460-267346-10	B-08-C	Total/NA	Solid	3546	
MB 460-871804/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871804/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871804/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC Semi VOA

Prep Batch: 871820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	3546	
460-267346-4	B-05-C	Total/NA	Solid	3546	
460-267346-6	B-06-C	Total/NA	Solid	3546	
460-267346-8	B-07-C	Total/NA	Solid	3546	
460-267346-10	B-08-C	Total/NA	Solid	3546	
MB 460-871820/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871820/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871820/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-267334-A-1-J MS	Matrix Spike	Total/NA	Solid	3546	
460-267334-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 871859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	8081B	871820
460-267346-4	B-05-C	Total/NA	Solid	8081B	871820
460-267346-6	B-06-C	Total/NA	Solid	8081B	871820
460-267346-8	B-07-C	Total/NA	Solid	8081B	871820
460-267346-10	B-08-C	Total/NA	Solid	8081B	871820
MB 460-871820/1-A	Method Blank	Total/NA	Solid	8081B	871820
LCS 460-871820/2-A	Lab Control Sample	Total/NA	Solid	8081B	871820
LCSD 460-871820/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	871820
460-267334-A-1-J MS	Matrix Spike	Total/NA	Solid	8081B	871820
460-267334-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	871820

Prep Batch: 871907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	8151A	
460-267346-4	B-05-C	Total/NA	Solid	8151A	
460-267346-6	B-06-C	Total/NA	Solid	8151A	
460-267346-8	B-07-C	Total/NA	Solid	8151A	
460-267346-10	B-08-C	Total/NA	Solid	8151A	
MB 460-871907/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-871907/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-871907/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Prep Batch: 871930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	3546	
460-267346-4	B-05-C	Total/NA	Solid	3546	
460-267346-6	B-06-C	Total/NA	Solid	3546	
460-267346-8	B-07-C	Total/NA	Solid	3546	
460-267346-10	B-08-C	Total/NA	Solid	3546	
MB 460-871930/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871930/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871930/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 871951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	8082A	871804
460-267346-4	B-05-C	Total/NA	Solid	8082A	871804
460-267346-6	B-06-C	Total/NA	Solid	8082A	871804

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC Semi VOA (Continued)

Analysis Batch: 871951 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-8	B-07-C	Total/NA	Solid	8082A	871804
460-267346-10	B-08-C	Total/NA	Solid	8082A	871804
MB 460-871804/1-A	Method Blank	Total/NA	Solid	8082A	871804
LCS 460-871804/2-A	Lab Control Sample	Total/NA	Solid	8082A	871804
LCSD 460-871804/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	871804

Analysis Batch: 871985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	8151A	871907
460-267346-4	B-05-C	Total/NA	Solid	8151A	871907
460-267346-6	B-06-C	Total/NA	Solid	8151A	871907
460-267346-8	B-07-C	Total/NA	Solid	8151A	871907
460-267346-10	B-08-C	Total/NA	Solid	8151A	871907
MB 460-871907/1-A	Method Blank	Total/NA	Solid	8151A	871907
LCS 460-871907/2-A	Lab Control Sample	Total/NA	Solid	8151A	871907
LCSD 460-871907/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	871907

Prep Batch: 872029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	3546	
460-267459-4	B-10-C	Total/NA	Solid	3546	
460-267459-6	B-11-C	Total/NA	Solid	3546	
460-267459-8	B-12-C	Total/NA	Solid	3546	
460-267459-10	B-13-C	Total/NA	Solid	3546	
460-267459-12	B-01-C	Total/NA	Solid	3546	
MB 460-872029/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-872029/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-872029/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-267384-A-1-G MS	Matrix Spike	Total/NA	Solid	3546	
460-267384-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 872034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	3546	
460-267459-4	B-10-C	Total/NA	Solid	3546	
460-267459-6	B-11-C	Total/NA	Solid	3546	
460-267459-8	B-12-C	Total/NA	Solid	3546	
460-267459-10	B-13-C	Total/NA	Solid	3546	
460-267459-12	B-01-C	Total/NA	Solid	3546	

Analysis Batch: 872127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	NJDEP EPH	871930
460-267346-4	B-05-C	Total/NA	Solid	NJDEP EPH	871930
460-267346-6	B-06-C	Total/NA	Solid	NJDEP EPH	871930
460-267346-8	B-07-C	Total/NA	Solid	NJDEP EPH	871930
460-267346-10	B-08-C	Total/NA	Solid	NJDEP EPH	871930
MB 460-871930/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	871930
LCS 460-871930/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	871930
LCSD 460-871930/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	871930

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC Semi VOA

Prep Batch: 872134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	3510C	872159
460-267346-4	B-05-C	TCLP	Solid	3510C	872159
460-267346-6	B-06-C	TCLP	Solid	3510C	872159
460-267346-8	B-07-C	TCLP	Solid	3510C	872159
460-267346-10	B-08-C	TCLP	Solid	3510C	872159
LB 460-872159/1-B	Method Blank	TCLP	Solid	3510C	872159
MB 460-872134/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-872134/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-872134/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Leach Batch: 872159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	1311	
460-267346-4	B-05-C	TCLP	Solid	1311	
460-267346-6	B-06-C	TCLP	Solid	1311	
460-267346-8	B-07-C	TCLP	Solid	1311	
460-267346-10	B-08-C	TCLP	Solid	1311	
LB 460-872159/1-B	Method Blank	TCLP	Solid	1311	
LB 460-872159/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 872218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	8151A	872159
460-267346-4	B-05-C	TCLP	Solid	8151A	872159
460-267346-6	B-06-C	TCLP	Solid	8151A	872159
460-267346-8	B-07-C	TCLP	Solid	8151A	872159
460-267346-10	B-08-C	TCLP	Solid	8151A	872159
LB 460-872159/1-C	Method Blank	TCLP	Solid	8151A	872159
MB 460-872218/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-872218/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-872218/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Prep Batch: 872228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	3546	
460-267459-4	B-10-C	Total/NA	Solid	3546	
460-267459-6	B-11-C	Total/NA	Solid	3546	
460-267459-8	B-12-C	Total/NA	Solid	3546	
460-267459-10	B-13-C	Total/NA	Solid	3546	
460-267459-12	B-01-C	Total/NA	Solid	3546	
MB 460-872228/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-872228/2-A	Lab Control Sample	Total/NA	Solid	3546	

Leach Batch: 872277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	1311	
460-267459-4	B-10-C	TCLP	Solid	1311	
460-267459-6	B-11-C	TCLP	Solid	1311	
460-267459-8	B-12-C	TCLP	Solid	1311	
460-267459-10	B-13-C	TCLP	Solid	1311	
460-267459-12	B-01-C	TCLP	Solid	1311	

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC Semi VOA (Continued)

Leach Batch: 872277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872277/1-D	Method Blank	TCLP	Solid	1311	

Analysis Batch: 872306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	8081B	872134
460-267346-4	B-05-C	TCLP	Solid	8081B	872134
460-267346-6	B-06-C	TCLP	Solid	8081B	872134
460-267346-8	B-07-C	TCLP	Solid	8081B	872134
460-267346-10	B-08-C	TCLP	Solid	8081B	872134
460-267459-2	B-09-C	Total/NA	Solid	8081B	872034
460-267459-4	B-10-C	Total/NA	Solid	8081B	872034
460-267459-6	B-11-C	Total/NA	Solid	8081B	872034
460-267459-8	B-12-C	Total/NA	Solid	8081B	872034
460-267459-10	B-13-C	Total/NA	Solid	8081B	872034
460-267459-12	B-01-C	Total/NA	Solid	8081B	872034
LB 460-872159/1-B	Method Blank	TCLP	Solid	8081B	872134
MB 460-872134/1-A	Method Blank	Total/NA	Solid	8081B	872134
LCS 460-872134/2-A	Lab Control Sample	Total/NA	Solid	8081B	872134
LCSD 460-872134/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	872134

Analysis Batch: 872351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	NJDEP EPH	872228
460-267459-4	B-10-C	Total/NA	Solid	NJDEP EPH	872228
460-267459-6	B-11-C	Total/NA	Solid	NJDEP EPH	872228
460-267459-8	B-12-C	Total/NA	Solid	NJDEP EPH	872228
460-267459-10	B-13-C	Total/NA	Solid	NJDEP EPH	872228
460-267459-12	B-01-C	Total/NA	Solid	NJDEP EPH	872228
MB 460-872228/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	872228
LCS 460-872228/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	872228

Analysis Batch: 872363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	8082A	872029
460-267459-4	B-10-C	Total/NA	Solid	8082A	872029
460-267459-6	B-11-C	Total/NA	Solid	8082A	872029
460-267459-8	B-12-C	Total/NA	Solid	8082A	872029
460-267459-10	B-13-C	Total/NA	Solid	8082A	872029
460-267459-12	B-01-C	Total/NA	Solid	8082A	872029
MB 460-872029/1-A	Method Blank	Total/NA	Solid	8082A	872029
LCS 460-872029/2-A	Lab Control Sample	Total/NA	Solid	8082A	872029
LCSD 460-872029/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	872029
460-267384-A-1-G MS	Matrix Spike	Total/NA	Solid	8082A	872029
460-267384-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	872029

Analysis Batch: 872417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	8151A	872218
460-267346-4	B-05-C	TCLP	Solid	8151A	872218
460-267346-6	B-06-C	TCLP	Solid	8151A	872218
460-267346-8	B-07-C	TCLP	Solid	8151A	872218

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC Semi VOA (Continued)

Analysis Batch: 872417 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-10	B-08-C	TCLP	Solid	8151A	872218
LB 460-872159/1-C	Method Blank	TCLP	Solid	8151A	872218
MB 460-872218/1-A	Method Blank	Total/NA	Solid	8151A	872218
LCS 460-872218/2-A	Lab Control Sample	Total/NA	Solid	8151A	872218
LCSD 460-872218/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	872218

Prep Batch: 872489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	3510C	872277
460-267459-4	B-10-C	TCLP	Solid	3510C	872277
460-267459-6	B-11-C	TCLP	Solid	3510C	872277
460-267459-8	B-12-C	TCLP	Solid	3510C	872277
460-267459-10	B-13-C	TCLP	Solid	3510C	872277
460-267459-12	B-01-C	TCLP	Solid	3510C	872277
LB 460-872277/1-D	Method Blank	TCLP	Solid	3510C	872277
MB 460-872489/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-872489/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-872489/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 872508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	8081B	872489
460-267459-4	B-10-C	TCLP	Solid	8081B	872489
460-267459-6	B-11-C	TCLP	Solid	8081B	872489
460-267459-8	B-12-C	TCLP	Solid	8081B	872489
460-267459-10	B-13-C	TCLP	Solid	8081B	872489
460-267459-12	B-01-C	TCLP	Solid	8081B	872489

Analysis Batch: 872514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872277/1-D	Method Blank	TCLP	Solid	8081B	872489
MB 460-872489/1-A	Method Blank	Total/NA	Solid	8081B	872489
LCS 460-872489/2-A	Lab Control Sample	Total/NA	Solid	8081B	872489
LCSD 460-872489/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	872489

Prep Batch: 872599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	8151A	872277
460-267459-4	B-10-C	TCLP	Solid	8151A	872277
460-267459-6	B-11-C	TCLP	Solid	8151A	872277
460-267459-8	B-12-C	TCLP	Solid	8151A	872277
460-267459-10	B-13-C	TCLP	Solid	8151A	872277
460-267459-12	B-01-C	TCLP	Solid	8151A	872277
MB 460-872599/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-872599/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-872599/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Analysis Batch: 872764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	8151A	872599
460-267459-4	B-10-C	TCLP	Solid	8151A	872599

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

GC Semi VOA (Continued)

Analysis Batch: 872764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-6	B-11-C	TCLP	Solid	8151A	872599
460-267459-8	B-12-C	TCLP	Solid	8151A	872599
460-267459-10	B-13-C	TCLP	Solid	8151A	872599
460-267459-12	B-01-C	TCLP	Solid	8151A	872599
MB 460-872599/1-A	Method Blank	Total/NA	Solid	8151A	872599
LCS 460-872599/2-A	Lab Control Sample	Total/NA	Solid	8151A	872599
LCSD 460-872599/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	872599

Prep Batch: 872835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	8151A	
460-267459-4	B-10-C	Total/NA	Solid	8151A	
460-267459-6	B-11-C	Total/NA	Solid	8151A	
460-267459-8	B-12-C	Total/NA	Solid	8151A	
460-267459-10	B-13-C	Total/NA	Solid	8151A	
460-267459-12	B-01-C	Total/NA	Solid	8151A	
MB 460-872835/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-872835/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-872835/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Analysis Batch: 872903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	8151A	872835
460-267459-4	B-10-C	Total/NA	Solid	8151A	872835
460-267459-6	B-11-C	Total/NA	Solid	8151A	872835
460-267459-8	B-12-C	Total/NA	Solid	8151A	872835
460-267459-10	B-13-C	Total/NA	Solid	8151A	872835
460-267459-12	B-01-C	Total/NA	Solid	8151A	872835
LCS 460-872835/2-A	Lab Control Sample	Total/NA	Solid	8151A	872835
LCSD 460-872835/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	872835

Analysis Batch: 873007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-872835/1-A	Method Blank	Total/NA	Solid	8151A	872835

Metals

Prep Batch: 871854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	7471B	
460-267346-4	B-05-C	Total/NA	Solid	7471B	
460-267346-6	B-06-C	Total/NA	Solid	7471B	
460-267346-8	B-07-C	Total/NA	Solid	7471B	
460-267346-10	B-08-C	Total/NA	Solid	7471B	
MB 460-871854/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-871854/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-267289-F-13-C MS	Matrix Spike	Total/NA	Solid	7471B	
460-267289-F-13-B DU	Duplicate	Total/NA	Solid	7471B	

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Metals

Analysis Batch: 871901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	7471B	871854
460-267346-4	B-05-C	Total/NA	Solid	7471B	871854
460-267346-6	B-06-C	Total/NA	Solid	7471B	871854
460-267346-8	B-07-C	Total/NA	Solid	7471B	871854
460-267346-10	B-08-C	Total/NA	Solid	7471B	871854
MB 460-871854/10-A	Method Blank	Total/NA	Solid	7471B	871854
LCSSRM 460-871854/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	871854
460-267289-F-13-C MS	Matrix Spike	Total/NA	Solid	7471B	871854
460-267289-F-13-B DU	Duplicate	Total/NA	Solid	7471B	871854

Leach Batch: 872159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	1311	
460-267346-4	B-05-C	TCLP	Solid	1311	
460-267346-6	B-06-C	TCLP	Solid	1311	
460-267346-8	B-07-C	TCLP	Solid	1311	
460-267346-10	B-08-C	TCLP	Solid	1311	
LB 460-872159/1-F ^10	Method Blank	TCLP	Solid	1311	
LB 460-872159/1-G	Method Blank	TCLP	Solid	1311	
460-267352-A-1-H MS ^10	Matrix Spike	TCLP	Solid	1311	
460-267352-A-1-G DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 872216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-6	B-06-C	Total/NA	Solid	3050B	
MB 460-872216/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-872216/2-A ^1	Lab Control Sample	Total/NA	Solid	3050B	
460-267366-J-2-L MS	Matrix Spike	Total/NA	Solid	3050B	
460-267366-J-2-K DU	Duplicate	Total/NA	Solid	3050B	

Leach Batch: 872276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872276/1-F	Method Blank	TCLP	Solid	1311	
460-267437-C-6-I MS ^10	Matrix Spike	TCLP	Solid	1311	
460-267437-G-36-I MS	Matrix Spike	TCLP	Solid	1311	
460-267437-C-6-H DU ^10	Duplicate	TCLP	Solid	1311	
460-267437-G-36-H DU	Duplicate	TCLP	Solid	1311	

Leach Batch: 872277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	1311	
460-267459-4	B-10-C	TCLP	Solid	1311	
460-267459-6	B-11-C	TCLP	Solid	1311	
460-267459-8	B-12-C	TCLP	Solid	1311	
460-267459-10	B-13-C	TCLP	Solid	1311	
460-267459-12	B-01-C	TCLP	Solid	1311	
LB 460-872277/1-F ^10	Method Blank	TCLP	Solid	1311	
LB 460-872277/1-H	Method Blank	TCLP	Solid	1311	
460-267459-4 MS	B-10-C	TCLP	Solid	1311	
460-267459-4 DU	B-10-C	TCLP	Solid	1311	

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Metals

Prep Batch: 872293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	3010A	872159
460-267346-4	B-05-C	TCLP	Solid	3010A	872159
460-267346-6	B-06-C	TCLP	Solid	3010A	872159
460-267346-8	B-07-C	TCLP	Solid	3010A	872159
460-267346-10	B-08-C	TCLP	Solid	3010A	872159
LB 460-872159/1-F ^10	Method Blank	TCLP	Solid	3010A	872159
MB 460-872293/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-872293/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-267352-A-1-H MS ^10	Matrix Spike	TCLP	Solid	3010A	872159
460-267352-A-1-G DU ^10	Duplicate	TCLP	Solid	3010A	872159

Prep Batch: 872300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	3050B	
460-267346-4	B-05-C	Total/NA	Solid	3050B	
460-267346-8	B-07-C	Total/NA	Solid	3050B	
460-267346-10	B-08-C	Total/NA	Solid	3050B	
MB 460-872300/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-872300/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
460-267346-2 MS	B-04-C	Total/NA	Solid	3050B	
460-267346-2 DU	B-04-C	Total/NA	Solid	3050B	

Prep Batch: 872301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	3050B	
460-267459-4	B-10-C	Total/NA	Solid	3050B	
460-267459-6	B-11-C	Total/NA	Solid	3050B	
460-267459-8	B-12-C	Total/NA	Solid	3050B	
460-267459-10	B-13-C	Total/NA	Solid	3050B	
460-267459-12	B-01-C	Total/NA	Solid	3050B	
MB 460-872301/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-872301/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
460-267445-B-16-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-267445-B-16-B DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 872302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	7471B	
460-267459-4	B-10-C	Total/NA	Solid	7471B	
460-267459-6	B-11-C	Total/NA	Solid	7471B	
460-267459-8	B-12-C	Total/NA	Solid	7471B	
460-267459-10	B-13-C	Total/NA	Solid	7471B	
460-267459-12	B-01-C	Total/NA	Solid	7471B	
MB 460-872302/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-872302/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-267437-B-18-E MS	Matrix Spike	Total/NA	Solid	7471B	
460-267437-B-18-D DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 872342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	7471B	872302

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Metals (Continued)

Analysis Batch: 872342 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-4	B-10-C	Total/NA	Solid	7471B	872302
460-267459-6	B-11-C	Total/NA	Solid	7471B	872302
460-267459-8	B-12-C	Total/NA	Solid	7471B	872302
460-267459-10	B-13-C	Total/NA	Solid	7471B	872302
460-267459-12	B-01-C	Total/NA	Solid	7471B	872302
MB 460-872302/10-A	Method Blank	Total/NA	Solid	7471B	872302
LCSSRM 460-872302/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	872302
460-267437-B-18-E MS	Matrix Spike	Total/NA	Solid	7471B	872302
460-267437-B-18-D DU	Duplicate	Total/NA	Solid	7471B	872302

Analysis Batch: 872403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	6020B	872293
460-267346-4	B-05-C	TCLP	Solid	6020B	872293
460-267346-6	B-06-C	TCLP	Solid	6020B	872293
460-267346-6	B-06-C	Total/NA	Solid	6020B	872216
460-267346-8	B-07-C	TCLP	Solid	6020B	872293
460-267346-10	B-08-C	TCLP	Solid	6020B	872293
LB 460-872159/1-F ^10	Method Blank	TCLP	Solid	6020B	872293
MB 460-872216/1-A	Method Blank	Total/NA	Solid	6020B	872216
MB 460-872293/1-A	Method Blank	Total/NA	Solid	6020B	872293
LCS 460-872293/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	872293
LCSSRM 460-872216/2-A ^1	Lab Control Sample	Total/NA	Solid	6020B	872216
460-267352-A-1-H MS ^10	Matrix Spike	TCLP	Solid	6020B	872293
460-267366-J-2-L MS	Matrix Spike	Total/NA	Solid	6020B	872216
460-267352-A-1-G DU ^10	Duplicate	TCLP	Solid	6020B	872293
460-267366-J-2-K DU	Duplicate	Total/NA	Solid	6020B	872216

Prep Batch: 872416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872159/1-G	Method Blank	TCLP	Solid	7470A	872159
LB 460-872276/1-F	Method Blank	TCLP	Solid	7470A	872276
MB 460-872416/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-872416/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 872447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872159/1-G	Method Blank	TCLP	Solid	7470A	872416
LB 460-872276/1-F	Method Blank	TCLP	Solid	7470A	872416
MB 460-872416/1-A	Method Blank	Total/NA	Solid	7470A	872416
LCS 460-872416/2-A	Lab Control Sample	Total/NA	Solid	7470A	872416

Prep Batch: 872598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-872277/1-F ^10	Method Blank	TCLP	Solid	3010A	872277
MB 460-872598/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 872605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	7470A	872159
460-267346-4	B-05-C	TCLP	Solid	7470A	872159

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Metals (Continued)

Prep Batch: 872605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-6	B-06-C	TCLP	Solid	7470A	872159
460-267346-8	B-07-C	TCLP	Solid	7470A	872159
460-267346-10	B-08-C	TCLP	Solid	7470A	872159
460-267459-2	B-09-C	TCLP	Solid	7470A	872277
MB 460-872605/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-872605/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-267437-G-36-I MS	Matrix Spike	TCLP	Solid	7470A	872276
460-267437-G-36-H DU	Duplicate	TCLP	Solid	7470A	872276

Prep Batch: 872614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	3010A	872277
460-267459-4	B-10-C	TCLP	Solid	3010A	872277
460-267459-6	B-11-C	TCLP	Solid	3010A	872277
460-267459-8	B-12-C	TCLP	Solid	3010A	872277
460-267459-10	B-13-C	TCLP	Solid	3010A	872277
460-267459-12	B-01-C	TCLP	Solid	3010A	872277
MB 460-872614/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-872614/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-267437-C-6-I MS ^10	Matrix Spike	TCLP	Solid	3010A	872276
460-267437-C-6-H DU ^10	Duplicate	TCLP	Solid	3010A	872276

Prep Batch: 872641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-4	B-10-C	TCLP	Solid	7470A	872277
460-267459-6	B-11-C	TCLP	Solid	7470A	872277
460-267459-8	B-12-C	TCLP	Solid	7470A	872277
460-267459-10	B-13-C	TCLP	Solid	7470A	872277
460-267459-12	B-01-C	TCLP	Solid	7470A	872277
LB 460-872277/1-H	Method Blank	TCLP	Solid	7470A	872277
MB 460-872641/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-872641/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-267459-4 MS	B-10-C	TCLP	Solid	7470A	872277
460-267459-4 DU	B-10-C	TCLP	Solid	7470A	872277

Analysis Batch: 872642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	6020B	872300
460-267346-4	B-05-C	Total/NA	Solid	6020B	872300
460-267346-8	B-07-C	Total/NA	Solid	6020B	872300
460-267346-10	B-08-C	Total/NA	Solid	6020B	872300
460-267459-2	B-09-C	Total/NA	Solid	6020B	872301
460-267459-4	B-10-C	Total/NA	Solid	6020B	872301
460-267459-6	B-11-C	Total/NA	Solid	6020B	872301
460-267459-8	B-12-C	Total/NA	Solid	6020B	872301
460-267459-10	B-13-C	Total/NA	Solid	6020B	872301
460-267459-12	B-01-C	Total/NA	Solid	6020B	872301
MB 460-872300/1-A	Method Blank	Total/NA	Solid	6020B	872300
MB 460-872301/1-A	Method Blank	Total/NA	Solid	6020B	872301
LCSSRM 460-872216/2-A ^1	Lab Control Sample	Total/NA	Solid	6020B	872216
LCSSRM 460-872300/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	872300

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Metals (Continued)

Analysis Batch: 872642 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-872301/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	872301
460-267346-2 MS	B-04-C	Total/NA	Solid	6020B	872300
460-267445-B-16-C MS	Matrix Spike	Total/NA	Solid	6020B	872301
460-267346-2 DU	B-04-C	Total/NA	Solid	6020B	872300
460-267445-B-16-B DU	Duplicate	Total/NA	Solid	6020B	872301

Analysis Batch: 872691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	TCLP	Solid	7470A	872605
460-267346-4	B-05-C	TCLP	Solid	7470A	872605
460-267346-6	B-06-C	TCLP	Solid	7470A	872605
460-267346-8	B-07-C	TCLP	Solid	7470A	872605
460-267346-10	B-08-C	TCLP	Solid	7470A	872605
460-267459-2	B-09-C	TCLP	Solid	7470A	872605
460-267459-4	B-10-C	TCLP	Solid	7470A	872641
460-267459-6	B-11-C	TCLP	Solid	7470A	872641
460-267459-8	B-12-C	TCLP	Solid	7470A	872641
460-267459-10	B-13-C	TCLP	Solid	7470A	872641
460-267459-12	B-01-C	TCLP	Solid	7470A	872641
LB 460-872277/1-H	Method Blank	TCLP	Solid	7470A	872641
MB 460-872605/1-A	Method Blank	Total/NA	Solid	7470A	872605
MB 460-872641/1-A	Method Blank	Total/NA	Solid	7470A	872641
LCS 460-872605/2-A	Lab Control Sample	Total/NA	Solid	7470A	872605
LCS 460-872641/2-A	Lab Control Sample	Total/NA	Solid	7470A	872641
460-267437-G-36-I MS	Matrix Spike	TCLP	Solid	7470A	872605
460-267459-4 MS	B-10-C	TCLP	Solid	7470A	872641
460-267437-G-36-H DU	Duplicate	TCLP	Solid	7470A	872605
460-267459-4 DU	B-10-C	TCLP	Solid	7470A	872641

Analysis Batch: 872840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	TCLP	Solid	6020B	872614
460-267459-4	B-10-C	TCLP	Solid	6020B	872614
460-267459-6	B-11-C	TCLP	Solid	6020B	872614
460-267459-8	B-12-C	TCLP	Solid	6020B	872614
460-267459-10	B-13-C	TCLP	Solid	6020B	872614
460-267459-12	B-01-C	TCLP	Solid	6020B	872614
LB 460-872277/1-F ^10	Method Blank	TCLP	Solid	6020B	872598
MB 460-872598/1-A	Method Blank	Total/NA	Solid	6020B	872598
MB 460-872614/1-A	Method Blank	Total/NA	Solid	6020B	872614
LCS 460-872614/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	872614
460-267437-C-6-I MS ^10	Matrix Spike	TCLP	Solid	6020B	872614
460-267437-C-6-H DU ^10	Duplicate	TCLP	Solid	6020B	872614

General Chemistry

Analysis Batch: 871898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	Moisture	
460-267346-4	B-05-C	Total/NA	Solid	Moisture	
460-267346-6	B-06-C	Total/NA	Solid	Moisture	

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

General Chemistry (Continued)

Analysis Batch: 871898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-8	B-07-C	Total/NA	Solid	Moisture	
460-267256-A-3 DU	Duplicate	Total/NA	Solid	Moisture	
460-267335-F-5 DU	Duplicate	Total/NA	Solid	Moisture	

Prep Batch: 872187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	9012B	
460-267346-4	B-05-C	Total/NA	Solid	9012B	
460-267346-6	B-06-C	Total/NA	Solid	9012B	
460-267346-8	B-07-C	Total/NA	Solid	9012B	
460-267346-10	B-08-C	Total/NA	Solid	9012B	
MB 460-872187/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-872187/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	
460-267366-J-2-H MS	Matrix Spike	Total/NA	Solid	9012B	
460-267366-J-2-I MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 872221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-872221/2-A	Method Blank	Total/NA	Solid	9012B	
MRL 460-872221/1-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 872239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-10	B-08-C	Total/NA	Solid	Moisture	
460-267462-E-8 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 872243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-1	B-04-G	Total/NA	Solid	Moisture	
460-267346-3	B-05-G	Total/NA	Solid	Moisture	
460-267346-5	B-06-G	Total/NA	Solid	Moisture	
460-267346-7	B-07-G	Total/NA	Solid	Moisture	
460-267346-9	B-08-G	Total/NA	Solid	Moisture	
460-267346-9 DU	B-08-G	Total/NA	Solid	Moisture	

Analysis Batch: 872251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	9012B	872187
460-267346-4	B-05-C	Total/NA	Solid	9012B	872187
460-267346-6	B-06-C	Total/NA	Solid	9012B	872187
460-267346-8	B-07-C	Total/NA	Solid	9012B	872187
460-267346-10	B-08-C	Total/NA	Solid	9012B	872187
MB 460-872187/1-A	Method Blank	Total/NA	Solid	9012B	872187
MB 460-872221/2-A	Method Blank	Total/NA	Solid	9012B	872221
LCSSRM 460-872187/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	872187
MRL 460-872221/1-A	Lab Control Sample	Total/NA	Solid	9012B	872221
460-267366-J-2-H MS	Matrix Spike	Total/NA	Solid	9012B	872187
460-267366-J-2-I MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	872187

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

General Chemistry

Analysis Batch: 872341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	Moisture	
460-267459-4	B-10-C	Total/NA	Solid	Moisture	
460-267459-6	B-11-C	Total/NA	Solid	Moisture	
460-267459-8	B-12-C	Total/NA	Solid	Moisture	
460-267459-10	B-13-C	Total/NA	Solid	Moisture	
460-267459-11	B-01-G	Total/NA	Solid	Moisture	
460-267459-12	B-01-C	Total/NA	Solid	Moisture	
460-267461-D-2 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-267461-D-2 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-267459-12 DU	B-01-C	Total/NA	Solid	Moisture	

Analysis Batch: 872352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	SM 2540G	
460-267346-4	B-05-C	Total/NA	Solid	SM 2540G	
460-267346-6	B-06-C	Total/NA	Solid	SM 2540G	
460-267346-8	B-07-C	Total/NA	Solid	SM 2540G	
460-267346-10	B-08-C	Total/NA	Solid	SM 2540G	
460-267459-2	B-09-C	Total/NA	Solid	SM 2540G	
460-267459-4	B-10-C	Total/NA	Solid	SM 2540G	
460-267459-6	B-11-C	Total/NA	Solid	SM 2540G	
460-267459-8	B-12-C	Total/NA	Solid	SM 2540G	
460-267459-10	B-13-C	Total/NA	Solid	SM 2540G	
460-267459-12	B-01-C	Total/NA	Solid	SM 2540G	
460-267346-2 DU	B-04-C	Total/NA	Solid	SM 2540G	

Analysis Batch: 872395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	9095B	
460-267346-4	B-05-C	Total/NA	Solid	9095B	
460-267346-6	B-06-C	Total/NA	Solid	9095B	
460-267346-8	B-07-C	Total/NA	Solid	9095B	
460-267346-10	B-08-C	Total/NA	Solid	9095B	
460-267346-2 DU	B-04-C	Total/NA	Solid	9095B	

Analysis Batch: 872477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-1	B-09-G	Total/NA	Solid	Moisture	
460-267459-3	B-10-G	Total/NA	Solid	Moisture	
460-267459-5	B-11-G	Total/NA	Solid	Moisture	
460-267459-7	B-12-G	Total/NA	Solid	Moisture	
460-267459-9	B-13-G	Total/NA	Solid	Moisture	
460-267458-A-13 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-267458-A-13 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-267687-A-4 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 872624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	1030	
460-267346-4	B-05-C	Total/NA	Solid	1030	
460-267346-6	B-06-C	Total/NA	Solid	1030	

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

General Chemistry (Continued)

Analysis Batch: 872624 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-8	B-07-C	Total/NA	Solid	1030	
460-267346-10	B-08-C	Total/NA	Solid	1030	
460-267346-2 DU	B-04-C	Total/NA	Solid	1030	

Prep Batch: 872669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	7.3.4	
460-267346-4	B-05-C	Total/NA	Solid	7.3.4	
460-267346-6	B-06-C	Total/NA	Solid	7.3.4	
460-267346-8	B-07-C	Total/NA	Solid	7.3.4	
460-267346-10	B-08-C	Total/NA	Solid	7.3.4	
MB 460-872669/24-A	Method Blank	Total/NA	Solid	7.3.4	
LCS SRM 460-872669/26-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-267346-2 MS	B-04-C	Total/NA	Solid	7.3.4	
460-267346-2 MSD	B-04-C	Total/NA	Solid	7.3.4	

Prep Batch: 872672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	7.3.3	
460-267346-4	B-05-C	Total/NA	Solid	7.3.3	
460-267346-6	B-06-C	Total/NA	Solid	7.3.3	
460-267346-8	B-07-C	Total/NA	Solid	7.3.3	
460-267346-10	B-08-C	Total/NA	Solid	7.3.3	
MB 460-872672/22-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-872672/23-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-267346-2 DU	B-04-C	Total/NA	Solid	7.3.3	

Analysis Batch: 872673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	9045D	
460-267346-4	B-05-C	Total/NA	Solid	9045D	
460-267346-6	B-06-C	Total/NA	Solid	9045D	
460-267346-8	B-07-C	Total/NA	Solid	9045D	
460-267346-10	B-08-C	Total/NA	Solid	9045D	
MB 460-872673/2	Method Blank	Total/NA	Solid	9045D	
LCS SRM 460-872673/3	Lab Control Sample	Total/NA	Solid	9045D	
460-266725-E-3 DU	Duplicate	Total/NA	Solid	9045D	

Analysis Batch: 872675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	9034	872669
460-267346-4	B-05-C	Total/NA	Solid	9034	872669
460-267346-6	B-06-C	Total/NA	Solid	9034	872669
460-267346-8	B-07-C	Total/NA	Solid	9034	872669
460-267346-10	B-08-C	Total/NA	Solid	9034	872669
MB 460-872669/24-A	Method Blank	Total/NA	Solid	9034	872669
LCS SRM 460-872669/26-A	Lab Control Sample	Total/NA	Solid	9034	872669
460-267346-2 MS	B-04-C	Total/NA	Solid	9034	872669
460-267346-2 MSD	B-04-C	Total/NA	Solid	9034	872669

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

General Chemistry

Analysis Batch: 872677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	9014	872672
460-267346-4	B-05-C	Total/NA	Solid	9014	872672
460-267346-6	B-06-C	Total/NA	Solid	9014	872672
460-267346-8	B-07-C	Total/NA	Solid	9014	872672
460-267346-10	B-08-C	Total/NA	Solid	9014	872672
MB 460-872672/22-A	Method Blank	Total/NA	Solid	9014	872672
LCS 460-872672/23-A	Lab Control Sample	Total/NA	Solid	9014	872672
460-267346-2 DU	B-04-C	Total/NA	Solid	9014	872672

Prep Batch: 872809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-872809/2-A	Method Blank	Total/NA	Solid	9012B	
MRL 460-872809/1-A	Lab Control Sample	Total/NA	Solid	9012B	

Prep Batch: 872814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	9012B	
460-267459-4	B-10-C	Total/NA	Solid	9012B	
460-267459-6	B-11-C	Total/NA	Solid	9012B	
MB 460-872814/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-872814/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	
460-267437-B-42-B MS	Matrix Spike	Total/NA	Solid	9012B	
460-267437-B-42-C MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 872818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-8	B-12-C	Total/NA	Solid	9012B	
460-267459-10	B-13-C	Total/NA	Solid	9012B	
460-267459-12	B-01-C	Total/NA	Solid	9012B	
MB 460-872818/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-872818/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	
460-267459-8 MS	B-12-C	Total/NA	Solid	9012B	
460-267459-8 MSD	B-12-C	Total/NA	Solid	9012B	

Analysis Batch: 872863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	1030	
460-267459-4	B-10-C	Total/NA	Solid	1030	
460-267459-6	B-11-C	Total/NA	Solid	1030	
460-267459-8	B-12-C	Total/NA	Solid	1030	
460-267459-10	B-13-C	Total/NA	Solid	1030	
460-267459-12	B-01-C	Total/NA	Solid	1030	
200-65234-A-1 DU	Duplicate	Total/NA	Solid	1030	

Analysis Batch: 872864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	9095B	
460-267459-4	B-10-C	Total/NA	Solid	9095B	
460-267459-6	B-11-C	Total/NA	Solid	9095B	
460-267459-8	B-12-C	Total/NA	Solid	9095B	
460-267459-10	B-13-C	Total/NA	Solid	9095B	

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

General Chemistry (Continued)

Analysis Batch: 872864 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-12	B-01-C	Total/NA	Solid	9095B	
200-65234-A-1 DU	Duplicate	Total/NA	Solid	9095B	

Analysis Batch: 872889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	9012B	872814
460-267459-4	B-10-C	Total/NA	Solid	9012B	872814
460-267459-6	B-11-C	Total/NA	Solid	9012B	872814
460-267459-8	B-12-C	Total/NA	Solid	9012B	872818
460-267459-10	B-13-C	Total/NA	Solid	9012B	872818
460-267459-12	B-01-C	Total/NA	Solid	9012B	872818
MB 460-872809/2-A	Method Blank	Total/NA	Solid	9012B	872809
MB 460-872814/1-A	Method Blank	Total/NA	Solid	9012B	872814
MB 460-872818/1-A	Method Blank	Total/NA	Solid	9012B	872818
LCSRM 460-872814/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	872814
LCSRM 460-872818/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	872818
MRL 460-872809/1-A	Lab Control Sample	Total/NA	Solid	9012B	872809
460-267437-B-42-B MS	Matrix Spike	Total/NA	Solid	9012B	872814
460-267437-B-42-C MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	872814
460-267459-8 MS	B-12-C	Total/NA	Solid	9012B	872818
460-267459-8 MSD	B-12-C	Total/NA	Solid	9012B	872818

Analysis Batch: 872890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	9045D	
460-267459-4	B-10-C	Total/NA	Solid	9045D	
460-267459-6	B-11-C	Total/NA	Solid	9045D	
460-267459-8	B-12-C	Total/NA	Solid	9045D	
460-267459-10	B-13-C	Total/NA	Solid	9045D	
460-267459-12	B-01-C	Total/NA	Solid	9045D	
MB 460-872890/2	Method Blank	Total/NA	Solid	9045D	
LCSRM 460-872890/3	Lab Control Sample	Total/NA	Solid	9045D	
200-65234-A-1 DU	Duplicate	Total/NA	Solid	9045D	

Prep Batch: 872892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	7.3.4	
460-267459-4	B-10-C	Total/NA	Solid	7.3.4	
460-267459-6	B-11-C	Total/NA	Solid	7.3.4	
460-267459-8	B-12-C	Total/NA	Solid	7.3.4	
460-267459-10	B-13-C	Total/NA	Solid	7.3.4	
460-267459-12	B-01-C	Total/NA	Solid	7.3.4	
MB 460-872892/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSRM 460-872892/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-267437-B-6-E MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-267437-B-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 872894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	7.3.3	
460-267459-4	B-10-C	Total/NA	Solid	7.3.3	

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

General Chemistry (Continued)

Prep Batch: 872894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-6	B-11-C	Total/NA	Solid	7.3.3	
460-267459-8	B-12-C	Total/NA	Solid	7.3.3	
460-267459-10	B-13-C	Total/NA	Solid	7.3.3	
460-267459-12	B-01-C	Total/NA	Solid	7.3.3	
MB 460-872894/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-872894/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-267437-B-6-H DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 872898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	9034	872892
460-267459-4	B-10-C	Total/NA	Solid	9034	872892
460-267459-6	B-11-C	Total/NA	Solid	9034	872892
460-267459-8	B-12-C	Total/NA	Solid	9034	872892
460-267459-10	B-13-C	Total/NA	Solid	9034	872892
460-267459-12	B-01-C	Total/NA	Solid	9034	872892
MB 460-872892/1-A	Method Blank	Total/NA	Solid	9034	872892
LCS SRM 460-872892/3-A	Lab Control Sample	Total/NA	Solid	9034	872892
460-267437-B-6-E MS	Matrix Spike	Total/NA	Solid	9034	872892
460-267437-B-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	872892

Analysis Batch: 872900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	9014	872894
460-267459-4	B-10-C	Total/NA	Solid	9014	872894
460-267459-6	B-11-C	Total/NA	Solid	9014	872894
460-267459-8	B-12-C	Total/NA	Solid	9014	872894
460-267459-10	B-13-C	Total/NA	Solid	9014	872894
460-267459-12	B-01-C	Total/NA	Solid	9014	872894
MB 460-872894/1-A	Method Blank	Total/NA	Solid	9014	872894
LCS 460-872894/2-A	Lab Control Sample	Total/NA	Solid	9014	872894
460-267437-B-6-H DU	Duplicate	Total/NA	Solid	9014	872894

Geotechnical

Analysis Batch: 184956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267459-2	B-09-C	Total/NA	Solid	D422	
460-267459-4	B-10-C	Total/NA	Solid	D422	
460-267459-6	B-11-C	Total/NA	Solid	D422	
460-267459-8	B-12-C	Total/NA	Solid	D422	
460-267459-10	B-13-C	Total/NA	Solid	D422	
460-267459-12	B-01-C	Total/NA	Solid	D422	

Analysis Batch: 313960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267346-2	B-04-C	Total/NA	Solid	D422	
460-267346-4	B-05-C	Total/NA	Solid	D422	
460-267346-6	B-06-C	Total/NA	Solid	D422	
460-267346-8	B-07-C	Total/NA	Solid	D422	
460-267346-10	B-08-C	Total/NA	Solid	D422	

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-G

Date Collected: 10/12/22 08:30

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872167	BJB	EET EDI	10/15/22 18:09 - 10/16/22 12:30 ¹
TCLP	Analysis	8260D		10	872325	CJM	EET EDI	10/17/22 12:45
Total/NA	Analysis	Moisture		1	872243	CJC	EET EDI	10/16/22 14:28

Client Sample ID: B-04-G

Date Collected: 10/12/22 08:30

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-1

Matrix: Solid

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872209	YXG	EET EDI	10/15/22 10:37
Total/NA	Analysis	8260D		1	872654	VBP	EET EDI	10/18/22 22:16

Client Sample ID: B-04-C

Date Collected: 10/12/22 08:45

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872220	ZEH	EET EDI	10/16/22 10:30
TCLP	Analysis	8270E		1	872265	YAH	EET EDI	10/16/22 23:07
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872134	ZEH	EET EDI	10/16/22 09:37
TCLP	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 06:39
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	8151A			872218	ZEH	EET EDI	10/16/22 09:48
TCLP	Analysis	8151A		1	872417	SAK	EET EDI	10/17/22 18:56
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3010A			872293	GAE	EET EDI	10/16/22 19:35
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 14:08
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	7470A			872605	RBS	EET EDI	10/18/22 11:11
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 14:19
Total/NA	Analysis	1030		1	872624	AAP	EET EDI	10/18/22 12:14
Total/NA	Prep	7.3.3			872672	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9014		1	872677	HTV	EET EDI	10/18/22 14:00
Total/NA	Prep	7.3.4			872669	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9034		1	872675	HTV	EET EDI	10/18/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:55
Total/NA	Analysis	9095B		1	872395	YAH	EET EDI	10/17/22 10:15
Total/NA	Analysis	Moisture		1	871898	MVA	EET EDI	10/14/22 07:12
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	313960	F8TI	ELLE	11/01/22 16:05

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-04-C

Date Collected: 10/12/22 08:45

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-2

Matrix: Solid

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871842	GXY	EET EDI	10/13/22 20:00
Total/NA	Analysis	8270E		1	871889	DXD	EET EDI	10/14/22 11:41
Total/NA	Prep	3546			871820	ARA	EET EDI	10/13/22 17:47
Total/NA	Analysis	8081B		1	871859	FAM	EET EDI	10/14/22 10:12
Total/NA	Prep	3546			871804	ARA	EET EDI	10/13/22 17:36
Total/NA	Analysis	8082A		1	871951	JHP	EET EDI	10/14/22 13:26
Total/NA	Prep	8151A			871907	DXD	EET EDI	10/14/22 07:52
Total/NA	Analysis	8151A		1	871985	SAK	EET EDI	10/14/22 18:37
Total/NA	Prep	3546			871930	NAR	EET EDI	10/14/22 09:15
Total/NA	Analysis	NJDEP EPH		1	872127	OXG	EET EDI	10/15/22 16:54
Total/NA	Prep	3050B			872300	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 13:41
Total/NA	Prep	7471B			871854	TJS	EET EDI	10/14/22 00:17
Total/NA	Analysis	7471B		1	871901	TJS	EET EDI	10/14/22 04:09
Total/NA	Prep	9012B			872187	VBG	EET EDI	10/15/22 19:24
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 15:46

Client Sample ID: B-05-G

Date Collected: 10/12/22 09:10

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872167	BJB	EET EDI	10/15/22 18:09 - 10/16/22 12:30 ¹
TCLP	Analysis	8260D		10	872325	CJM	EET EDI	10/17/22 13:11
Total/NA	Analysis	Moisture		1	872243	CJC	EET EDI	10/16/22 14:28

Client Sample ID: B-05-G

Date Collected: 10/12/22 09:10

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-3

Matrix: Solid

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872209	YXG	EET EDI	10/15/22 10:37
Total/NA	Analysis	8260D		1	872520	AAT	EET EDI	10/18/22 13:31

Client Sample ID: B-05-C

Date Collected: 10/12/22 09:35

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872220	ZEH	EET EDI	10/16/22 10:30
TCLP	Analysis	8270E		1	872265	YAH	EET EDI	10/16/22 23:28
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872134	ZEH	EET EDI	10/16/22 09:37
TCLP	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 06:51

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	8151A			872218	ZEH	EET EDI	10/16/22 09:48
TCLP	Analysis	8151A		1	872417	SAK	EET EDI	10/17/22 19:10
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3010A			872293	GAE	EET EDI	10/16/22 19:35
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 14:10
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	7470A			872605	RBS	EET EDI	10/18/22 11:11
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 14:21
Total/NA	Analysis	1030		1	872624	AAP	EET EDI	10/18/22 12:14
Total/NA	Prep	7.3.3			872672	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9014		1	872677	HTV	EET EDI	10/18/22 14:00
Total/NA	Prep	7.3.4			872669	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9034		1	872675	HTV	EET EDI	10/18/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:57
Total/NA	Analysis	9095B		1	872395	YAH	EET EDI	10/17/22 10:25
Total/NA	Analysis	Moisture		1	871898	MVA	EET EDI	10/14/22 07:12
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	313960	F8TI	ELLE	11/01/22 16:06

Client Sample ID: B-05-C

Lab Sample ID: 460-267346-4

Date Collected: 10/12/22 09:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871842	GXY	EET EDI	10/13/22 20:00
Total/NA	Analysis	8270E		1	871889	DXD	EET EDI	10/14/22 12:49
Total/NA	Prep	3546			871820	ARA	EET EDI	10/13/22 17:47
Total/NA	Analysis	8081B		1	871859	FAM	EET EDI	10/14/22 10:24
Total/NA	Prep	3546			871804	ARA	EET EDI	10/13/22 17:36
Total/NA	Analysis	8082A		1	871951	JHP	EET EDI	10/14/22 13:48
Total/NA	Prep	8151A			871907	DXD	EET EDI	10/14/22 07:52
Total/NA	Analysis	8151A		1	871985	SAK	EET EDI	10/14/22 18:51
Total/NA	Prep	3546			871930	NAR	EET EDI	10/14/22 09:15
Total/NA	Analysis	NJDEP EPH		1	872127	OXG	EET EDI	10/15/22 17:12
Total/NA	Prep	3050B			872300	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 13:56
Total/NA	Prep	7471B			871854	TJS	EET EDI	10/14/22 00:17
Total/NA	Analysis	7471B		1	871901	TJS	EET EDI	10/14/22 04:11
Total/NA	Prep	9012B			872187	VBG	EET EDI	10/15/22 19:24
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 15:47

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-G

Date Collected: 10/12/22 11:20

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872167	BJB	EET EDI	10/15/22 18:09 - 10/16/22 12:30 ¹
TCLP	Analysis	8260D		10	872325	CJM	EET EDI	10/17/22 13:36
Total/NA	Analysis	Moisture		1	872243	CJC	EET EDI	10/16/22 14:28

Client Sample ID: B-06-G

Date Collected: 10/12/22 11:20

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-5

Matrix: Solid

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872209	YXG	EET EDI	10/15/22 10:37
Total/NA	Analysis	8260D		1	872434	AAT	EET EDI	10/18/22 02:26

Client Sample ID: B-06-C

Date Collected: 10/12/22 12:00

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872220	ZEH	EET EDI	10/16/22 10:30
TCLP	Analysis	8270E		1	872265	YAH	EET EDI	10/16/22 23:49
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872134	ZEH	EET EDI	10/16/22 09:37
TCLP	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 07:04
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	8151A			872218	ZEH	EET EDI	10/16/22 09:48
TCLP	Analysis	8151A		1	872417	SAK	EET EDI	10/17/22 19:24
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3010A			872293	GAE	EET EDI	10/16/22 19:35
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 14:13
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	7470A			872605	RBS	EET EDI	10/18/22 11:11
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 14:22
Total/NA	Analysis	1030		1	872624	AAP	EET EDI	10/18/22 12:14
Total/NA	Prep	7.3.3			872672	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9014		1	872677	HTV	EET EDI	10/18/22 14:00
Total/NA	Prep	7.3.4			872669	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9034		1	872675	HTV	EET EDI	10/18/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:58
Total/NA	Analysis	9095B		1	872395	YAH	EET EDI	10/17/22 10:30
Total/NA	Analysis	Moisture		1	871898	MVA	EET EDI	10/14/22 07:12
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	313960	F8TI	ELLE	11/01/22 16:09

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-06-C

Date Collected: 10/12/22 12:00

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-6

Matrix: Solid

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871842	GXY	EET EDI	10/13/22 20:00
Total/NA	Analysis	8270E		1	871889	DXD	EET EDI	10/14/22 13:12
Total/NA	Prep	3546			871820	ARA	EET EDI	10/13/22 17:47
Total/NA	Analysis	8081B		1	871859	FAM	EET EDI	10/14/22 10:36
Total/NA	Prep	3546			871804	ARA	EET EDI	10/13/22 17:36
Total/NA	Analysis	8082A		1	871951	JHP	EET EDI	10/14/22 14:09
Total/NA	Prep	8151A			871907	DXD	EET EDI	10/14/22 07:52
Total/NA	Analysis	8151A		1	871985	SAK	EET EDI	10/14/22 19:04
Total/NA	Prep	3546			871930	NAR	EET EDI	10/14/22 09:15
Total/NA	Analysis	NJDEP EPH		1	872127	OXG	EET EDI	10/15/22 17:30
Total/NA	Prep	3050B			872216	NNW	EET EDI	10/16/22 09:17
Total/NA	Analysis	6020B		1	872403	VAD	EET EDI	10/17/22 21:44
Total/NA	Prep	7471B			871854	TJS	EET EDI	10/14/22 00:17
Total/NA	Analysis	7471B		1	871901	TJS	EET EDI	10/14/22 04:13
Total/NA	Prep	9012B			872187	VBG	EET EDI	10/15/22 19:24
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 15:48

Client Sample ID: B-07-G

Date Collected: 10/12/22 13:30

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872167	BJB	EET EDI	10/15/22 18:09 - 10/16/22 12:30 ¹
TCLP	Analysis	8260D		10	872325	CJM	EET EDI	10/17/22 14:01
Total/NA	Analysis	Moisture		1	872243	CJC	EET EDI	10/16/22 14:28

Client Sample ID: B-07-G

Date Collected: 10/12/22 13:30

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-7

Matrix: Solid

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872209	YXG	EET EDI	10/15/22 10:38
Total/NA	Analysis	8260D		1	872434	AAT	EET EDI	10/18/22 02:48

Client Sample ID: B-07-C

Date Collected: 10/12/22 13:50

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872220	ZEH	EET EDI	10/16/22 10:30
TCLP	Analysis	8270E		1	872265	YAH	EET EDI	10/17/22 00:10
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872134	ZEH	EET EDI	10/16/22 09:37
TCLP	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 07:16

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-07-C

Date Collected: 10/12/22 13:50

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	8151A			872218	ZEH	EET EDI	10/16/22 09:48
TCLP	Analysis	8151A		1	872417	SAK	EET EDI	10/17/22 19:37
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3010A			872293	GAE	EET EDI	10/16/22 19:35
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 14:15
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	7470A			872605	RBS	EET EDI	10/18/22 11:11
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 14:24
Total/NA	Analysis	1030		1	872624	AAP	EET EDI	10/18/22 12:14
Total/NA	Prep	7.3.3			872672	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9014		1	872677	HTV	EET EDI	10/18/22 14:00
Total/NA	Prep	7.3.4			872669	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9034		1	872675	HTV	EET EDI	10/18/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 14:00
Total/NA	Analysis	9095B		1	872395	YAH	EET EDI	10/17/22 10:35
Total/NA	Analysis	Moisture		1	871898	MVA	EET EDI	10/14/22 07:12
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	313960	F8TI	ELLE	11/01/22 16:12

Client Sample ID: B-07-C

Date Collected: 10/12/22 13:50

Date Received: 10/12/22 20:30

Lab Sample ID: 460-267346-8

Matrix: Solid

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871842	GXY	EET EDI	10/13/22 20:00
Total/NA	Analysis	8270E		1	871889	DXD	EET EDI	10/14/22 13:35
Total/NA	Prep	3546			871820	ARA	EET EDI	10/13/22 17:47
Total/NA	Analysis	8081B		1	871859	FAM	EET EDI	10/14/22 10:49
Total/NA	Prep	3546			871804	ARA	EET EDI	10/13/22 17:36
Total/NA	Analysis	8082A		1	871951	JHP	EET EDI	10/14/22 14:31
Total/NA	Prep	8151A			871907	DXD	EET EDI	10/14/22 07:52
Total/NA	Analysis	8151A		1	871985	SAK	EET EDI	10/14/22 19:18
Total/NA	Prep	3546			871930	NAR	EET EDI	10/14/22 09:15
Total/NA	Analysis	NJDEP EPH		1	872127	OXG	EET EDI	10/15/22 17:48
Total/NA	Prep	3050B			872300	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 13:58
Total/NA	Prep	7471B			871854	TJS	EET EDI	10/14/22 00:17
Total/NA	Analysis	7471B		1	871901	TJS	EET EDI	10/14/22 04:14
Total/NA	Prep	9012B			872187	VBG	EET EDI	10/15/22 19:24
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 15:49

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-G

Lab Sample ID: 460-267346-9

Date Collected: 10/12/22 14:35

Matrix: Solid

Date Received: 10/12/22 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872167	BJB	EET EDI	10/15/22 18:09 - 10/16/22 12:30 ¹
TCLP	Analysis	8260D		10	872325	CJM	EET EDI	10/17/22 14:26
Total/NA	Analysis	Moisture		1	872243	CJC	EET EDI	10/16/22 14:28

Client Sample ID: B-08-G

Lab Sample ID: 460-267346-9

Date Collected: 10/12/22 14:35

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872209	YXG	EET EDI	10/15/22 10:38
Total/NA	Analysis	8260D		1	872434	AAT	EET EDI	10/18/22 03:11

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872220	ZEH	EET EDI	10/16/22 10:30
TCLP	Analysis	8270E		1	872265	YAH	EET EDI	10/17/22 00:31
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3510C			872134	ZEH	EET EDI	10/16/22 09:37
TCLP	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 07:28
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	8151A			872218	ZEH	EET EDI	10/16/22 09:48
TCLP	Analysis	8151A		1	872417	SAK	EET EDI	10/17/22 19:51
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	3010A			872293	GAE	EET EDI	10/16/22 19:35
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 14:23
TCLP	Leach	1311			872159	YXG	EET EDI	10/15/22 15:00 - 10/16/22 07:00 ¹
TCLP	Prep	7470A			872605	RBS	EET EDI	10/18/22 11:11
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 14:29
Total/NA	Analysis	1030		1	872624	AAP	EET EDI	10/18/22 12:14
Total/NA	Prep	7.3.3			872672	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9014		1	872677	HTV	EET EDI	10/18/22 14:00
Total/NA	Prep	7.3.4			872669	HTV	EET EDI	10/18/22 10:00
Total/NA	Analysis	9034		1	872675	HTV	EET EDI	10/18/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 14:03
Total/NA	Analysis	9095B		1	872395	YAH	EET EDI	10/17/22 10:40
Total/NA	Analysis	Moisture		1	872239	CJC	EET EDI	10/16/22 13:56
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	313960	F8TI	ELLE	11/01/22 16:13

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-08-C

Lab Sample ID: 460-267346-10

Date Collected: 10/12/22 15:00

Matrix: Solid

Date Received: 10/12/22 20:30

Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871842	GXY	EET EDI	10/13/22 20:00
Total/NA	Analysis	8270E		1	871889	DXD	EET EDI	10/14/22 13:58
Total/NA	Prep	3546			871820	ARA	EET EDI	10/13/22 17:47
Total/NA	Analysis	8081B		1	871859	FAM	EET EDI	10/14/22 11:01
Total/NA	Prep	3546			871804	ARA	EET EDI	10/13/22 17:36
Total/NA	Analysis	8082A		1	871951	JHP	EET EDI	10/14/22 14:53
Total/NA	Prep	8151A			871907	DXD	EET EDI	10/14/22 07:52
Total/NA	Analysis	8151A		1	871985	SAK	EET EDI	10/14/22 19:31
Total/NA	Prep	3546			871930	NAR	EET EDI	10/14/22 09:15
Total/NA	Analysis	NJDEP EPH		1	872127	OXG	EET EDI	10/15/22 18:06
Total/NA	Prep	3050B			872300	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 14:01
Total/NA	Prep	7471B			871854	TJS	EET EDI	10/14/22 00:17
Total/NA	Analysis	7471B		1	871901	TJS	EET EDI	10/14/22 04:16
Total/NA	Prep	9012B			872187	VBG	EET EDI	10/15/22 19:24
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 15:50

Client Sample ID: Test Blank

Lab Sample ID: 460-267346-11

Date Collected: 10/12/22 15:00

Matrix: Water

Date Received: 10/12/22 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	871872	SZD	EET EDI	10/14/22 11:20

Client Sample ID: B-09-G

Lab Sample ID: 460-267459-1

Date Collected: 10/13/22 08:10

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872298	BJB	EET EDI	10/16/22 21:10 - 10/17/22 16:30 ¹
TCLP	Analysis	8260D		10	872652	VBP	EET EDI	10/19/22 02:42
Total/NA	Analysis	Moisture		1	872477	CJC	EET EDI	10/17/22 20:25

Client Sample ID: B-09-G

Lab Sample ID: 460-267459-1

Date Collected: 10/13/22 08:10

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872224	YXG	EET EDI	10/16/22 10:45
Total/NA	Analysis	8260D		1	872776	MZS	EET EDI	10/19/22 11:32

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872487	GXY	EET EDI	10/17/22 21:26
TCLP	Analysis	8270E		1	872561	DXD	EET EDI	10/18/22 13:30
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872489	GXY	EET EDI	10/17/22 21:29
TCLP	Analysis	8081B		1	872508	FAM	EET EDI	10/18/22 10:24
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	8151A			872599	OTS	EET EDI	10/18/22 10:44
TCLP	Analysis	8151A		1	872764	SAK	EET EDI	10/19/22 10:02
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3010A			872614	VAP	EET EDI	10/18/22 11:37
TCLP	Analysis	6020B		10	872840	CDC	EET EDI	10/19/22 16:23
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	7470A			872605	RBS	EET EDI	10/18/22 11:11
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 14:57
Total/NA	Analysis	1030		1	872863	AAP	EET EDI	10/19/22 13:12
Total/NA	Prep	7.3.3			872894	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9014		1	872900	HTV	EET EDI	10/19/22 14:00
Total/NA	Prep	7.3.4			872892	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9034		1	872898	HTV	EET EDI	10/19/22 14:00
Total/NA	Analysis	9045D		1	872890	YAH	EET EDI	10/19/22 13:51
Total/NA	Analysis	9095B		1	872864	AAP	EET EDI	10/19/22 12:00
Total/NA	Analysis	Moisture		1	872341	MVA	EET EDI	10/17/22 07:20
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	184956	MAP	EET BUR	10/20/22 16:43

Client Sample ID: B-09-C

Lab Sample ID: 460-267459-2

Date Collected: 10/13/22 08:25

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			872055	GXY	EET EDI	10/14/22 19:47
Total/NA	Analysis	8270E		1	872270	YAH	EET EDI	10/17/22 04:32
Total/NA	Prep	3546			872034	ARA	EET EDI	10/14/22 17:20
Total/NA	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 13:01
Total/NA	Prep	3546			872029	ARA	EET EDI	10/14/22 17:04
Total/NA	Analysis	8082A		1	872363	JHP	EET EDI	10/17/22 11:12
Total/NA	Prep	8151A			872835	ZEH	EET EDI	10/19/22 10:36
Total/NA	Analysis	8151A		1	872903	SAK	EET EDI	10/19/22 19:44
Total/NA	Prep	3546			872228	BJB	EET EDI	10/16/22 12:23
Total/NA	Analysis	NJDEP EPH		1	872351	CDC	EET EDI	10/17/22 17:52
Total/NA	Prep	3050B			872301	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 15:45

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-09-C

Date Collected: 10/13/22 08:25

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-2

Matrix: Solid

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			872302	TJS	EET EDI	10/17/22 00:30
Total/NA	Analysis	7471B		1	872342	TJS	EET EDI	10/17/22 04:30
Total/NA	Prep	9012B			872814	IAA	EET EDI	10/19/22 09:27
Total/NA	Analysis	9012B		1	872889	AXP	EET EDI	10/19/22 15:19

Client Sample ID: B-10-G

Date Collected: 10/13/22 08:50

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872298	BJB	EET EDI	10/16/22 21:10 - 10/17/22 16:30 ¹
TCLP	Analysis	8260D		10	872652	VBP	EET EDI	10/19/22 03:07
Total/NA	Analysis	Moisture		1	872477	CJC	EET EDI	10/17/22 20:25

Client Sample ID: B-10-G

Date Collected: 10/13/22 08:50

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-3

Matrix: Solid

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872224	YXG	EET EDI	10/16/22 10:45
Total/NA	Analysis	8260D		1	872655	VBP	EET EDI	10/19/22 03:22

Client Sample ID: B-10-C

Date Collected: 10/13/22 09:05

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872487	GXY	EET EDI	10/17/22 21:26
TCLP	Analysis	8270E		1	872561	DXD	EET EDI	10/18/22 13:51
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872489	GXY	EET EDI	10/17/22 21:29
TCLP	Analysis	8081B		1	872508	FAM	EET EDI	10/18/22 10:36
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	8151A			872599	OTS	EET EDI	10/18/22 10:44
TCLP	Analysis	8151A		1	872764	SAK	EET EDI	10/19/22 10:15
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3010A			872614	VAP	EET EDI	10/18/22 11:37
TCLP	Analysis	6020B		10	872840	CDC	EET EDI	10/19/22 16:26
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	7470A			872641	RBS	EET EDI	10/18/22 13:56
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 15:21
Total/NA	Analysis	1030		1	872863	AAP	EET EDI	10/19/22 13:12
Total/NA	Prep	7.3.3			872894	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9014		1	872900	HTV	EET EDI	10/19/22 14:00

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7.3.4			872892	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9034		1	872898	HTV	EET EDI	10/19/22 14:00
Total/NA	Analysis	9045D		1	872890	YAH	EET EDI	10/19/22 13:53
Total/NA	Analysis	9095B		1	872864	AAP	EET EDI	10/19/22 12:07
Total/NA	Analysis	Moisture		1	872341	MVA	EET EDI	10/17/22 07:20
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	184956	MAP	EET BUR	10/20/22 16:45

Client Sample ID: B-10-C

Lab Sample ID: 460-267459-4

Date Collected: 10/13/22 09:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			872055	GXY	EET EDI	10/14/22 19:47
Total/NA	Analysis	8270E		1	872180	YAH	EET EDI	10/16/22 04:32
Total/NA	Prep	3546			872034	ARA	EET EDI	10/14/22 17:20
Total/NA	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 13:13
Total/NA	Prep	3546			872029	ARA	EET EDI	10/14/22 17:04
Total/NA	Analysis	8082A		1	872363	JHP	EET EDI	10/17/22 11:34
Total/NA	Prep	8151A			872835	ZEH	EET EDI	10/19/22 10:36
Total/NA	Analysis	8151A		1	872903	SAK	EET EDI	10/19/22 19:58
Total/NA	Prep	3546			872228	BJB	EET EDI	10/16/22 12:23
Total/NA	Analysis	NJDEP EPH		1	872351	CDC	EET EDI	10/17/22 13:39
Total/NA	Prep	3050B			872301	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 15:50
Total/NA	Prep	7471B			872302	TJS	EET EDI	10/17/22 00:30
Total/NA	Analysis	7471B		1	872342	TJS	EET EDI	10/17/22 04:31
Total/NA	Prep	9012B			872814	IAA	EET EDI	10/19/22 09:27
Total/NA	Analysis	9012B		1	872889	AXP	EET EDI	10/19/22 15:23

Client Sample ID: B-11-G

Lab Sample ID: 460-267459-5

Date Collected: 10/13/22 09:45

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872298	BJB	EET EDI	10/16/22 21:10 - 10/17/22 16:30 ¹
TCLP	Analysis	8260D		10	872652	VBP	EET EDI	10/19/22 03:32
Total/NA	Analysis	Moisture		1	872477	CJC	EET EDI	10/17/22 20:25

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-G

Lab Sample ID: 460-267459-5

Date Collected: 10/13/22 09:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872224	YXG	EET EDI	10/16/22 10:46
Total/NA	Analysis	8260D		1	872776	MZS	EET EDI	10/19/22 11:55

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872487	GXY	EET EDI	10/17/22 21:26
TCLP	Analysis	8270E		1	872561	DXD	EET EDI	10/18/22 14:12
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872489	GXY	EET EDI	10/17/22 21:29
TCLP	Analysis	8081B		1	872508	FAM	EET EDI	10/18/22 10:48
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	8151A			872599	OTS	EET EDI	10/18/22 10:44
TCLP	Analysis	8151A		1	872764	SAK	EET EDI	10/19/22 10:29
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3010A			872614	VAP	EET EDI	10/18/22 11:37
TCLP	Analysis	6020B		10	872840	CDC	EET EDI	10/19/22 16:28
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	7470A			872641	RBS	EET EDI	10/18/22 13:56
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 15:32
Total/NA	Analysis	1030		1	872863	AAP	EET EDI	10/19/22 13:12
Total/NA	Prep	7.3.3			872894	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9014		1	872900	HTV	EET EDI	10/19/22 14:00
Total/NA	Prep	7.3.4			872892	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9034		1	872898	HTV	EET EDI	10/19/22 14:00
Total/NA	Analysis	9045D		1	872890	YAH	EET EDI	10/19/22 13:56
Total/NA	Analysis	9095B		1	872864	AAP	EET EDI	10/19/22 12:15
Total/NA	Analysis	Moisture		1	872341	MVA	EET EDI	10/17/22 07:20
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	184956	MAP	EET BUR	10/20/22 16:47

Client Sample ID: B-11-C

Lab Sample ID: 460-267459-6

Date Collected: 10/13/22 10:05

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			872055	GXY	EET EDI	10/14/22 19:47
Total/NA	Analysis	8270E		1	872180	YAH	EET EDI	10/16/22 04:49
Total/NA	Prep	3546			872034	ARA	EET EDI	10/14/22 17:20
Total/NA	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 13:26
Total/NA	Prep	3546			872029	ARA	EET EDI	10/14/22 17:04
Total/NA	Analysis	8082A		1	872363	JHP	EET EDI	10/17/22 11:56

Euromins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-11-C

Date Collected: 10/13/22 10:05

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-6

Matrix: Solid

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			872835	ZEH	EET EDI	10/19/22 10:36
Total/NA	Analysis	8151A		1	872903	SAK	EET EDI	10/19/22 20:11
Total/NA	Prep	3546			872228	BJB	EET EDI	10/16/22 12:23
Total/NA	Analysis	NJDEP EPH		1	872351	CDC	EET EDI	10/17/22 13:57
Total/NA	Prep	3050B			872301	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 15:52
Total/NA	Prep	7471B			872302	TJS	EET EDI	10/17/22 00:30
Total/NA	Analysis	7471B		1	872342	TJS	EET EDI	10/17/22 04:37
Total/NA	Prep	9012B			872814	IAA	EET EDI	10/19/22 09:27
Total/NA	Analysis	9012B		1	872889	AXP	EET EDI	10/19/22 15:24

Client Sample ID: B-12-G

Date Collected: 10/13/22 10:25

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872298	BJB	EET EDI	10/16/22 21:10 - 10/17/22 16:30 ¹
TCLP	Analysis	8260D		10	872652	VBP	EET EDI	10/19/22 03:57
Total/NA	Analysis	Moisture		1	872477	CJC	EET EDI	10/17/22 20:25

Client Sample ID: B-12-G

Date Collected: 10/13/22 10:25

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-7

Matrix: Solid

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872224	YXG	EET EDI	10/16/22 10:47
Total/NA	Analysis	8260D		1	872655	VBP	EET EDI	10/19/22 02:15

Client Sample ID: B-12-C

Date Collected: 10/13/22 10:45

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872487	GXY	EET EDI	10/17/22 21:26
TCLP	Analysis	8270E		1	872561	DXD	EET EDI	10/18/22 14:33
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872489	GXY	EET EDI	10/17/22 21:29
TCLP	Analysis	8081B		1	872508	FAM	EET EDI	10/18/22 11:01
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	8151A			872599	OTS	EET EDI	10/18/22 10:44
TCLP	Analysis	8151A		1	872764	SAK	EET EDI	10/19/22 10:42
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3010A			872614	VAP	EET EDI	10/18/22 11:37
TCLP	Analysis	6020B		10	872840	CDC	EET EDI	10/19/22 16:31

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	7470A			872641	RBS	EET EDI	10/18/22 13:56
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 15:33
Total/NA	Analysis	1030		1	872863	AAP	EET EDI	10/19/22 13:12
Total/NA	Prep	7.3.3			872894	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9014		1	872900	HTV	EET EDI	10/19/22 14:00
Total/NA	Prep	7.3.4			872892	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9034		1	872898	HTV	EET EDI	10/19/22 14:00
Total/NA	Analysis	9045D		1	872890	YAH	EET EDI	10/19/22 13:57
Total/NA	Analysis	9095B		1	872864	AAP	EET EDI	10/19/22 12:22
Total/NA	Analysis	Moisture		1	872341	MVA	EET EDI	10/17/22 07:20
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	184956	MAP	EET BUR	10/20/22 16:48

Client Sample ID: B-12-C

Lab Sample ID: 460-267459-8

Date Collected: 10/13/22 10:45

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			872055	GXY	EET EDI	10/14/22 19:47
Total/NA	Analysis	8270E		1	872180	YAH	EET EDI	10/16/22 05:06
Total/NA	Prep	3546			872034	ARA	EET EDI	10/14/22 17:20
Total/NA	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 13:38
Total/NA	Prep	3546			872029	ARA	EET EDI	10/14/22 17:04
Total/NA	Analysis	8082A		1	872363	JHP	EET EDI	10/17/22 12:18
Total/NA	Prep	8151A			872835	ZEH	EET EDI	10/19/22 10:36
Total/NA	Analysis	8151A		1	872903	SAK	EET EDI	10/19/22 20:25
Total/NA	Prep	3546			872228	BJB	EET EDI	10/16/22 12:23
Total/NA	Analysis	NJDEP EPH		1	872351	CDC	EET EDI	10/17/22 18:10
Total/NA	Prep	3050B			872301	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 15:28
Total/NA	Prep	7471B			872302	TJS	EET EDI	10/17/22 00:30
Total/NA	Analysis	7471B		1	872342	TJS	EET EDI	10/17/22 04:39
Total/NA	Prep	9012B			872818	IAA	EET EDI	10/19/22 09:38
Total/NA	Analysis	9012B		1	872889	AXP	EET EDI	10/19/22 15:27

Client Sample ID: B-13-G

Lab Sample ID: 460-267459-9

Date Collected: 10/13/22 11:15

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872298	BJB	EET EDI	10/16/22 21:10 - 10/17/22 16:30 ¹
TCLP	Analysis	8260D		10	872652	VBP	EET EDI	10/19/22 04:22
Total/NA	Analysis	Moisture		1	872477	CJC	EET EDI	10/17/22 20:25

Eurolins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-G

Date Collected: 10/13/22 11:15

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-9

Matrix: Solid

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872224	YXG	EET EDI	10/16/22 10:47
Total/NA	Analysis	8260D		1	872655	VBP	EET EDI	10/19/22 02:37

Client Sample ID: B-13-C

Date Collected: 10/13/22 11:30

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872487	GXY	EET EDI	10/17/22 21:26
TCLP	Analysis	8270E		1	872561	DXD	EET EDI	10/18/22 14:54
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872489	GXY	EET EDI	10/17/22 21:29
TCLP	Analysis	8081B		1	872508	FAM	EET EDI	10/18/22 11:13
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	8151A			872599	OTS	EET EDI	10/18/22 10:44
TCLP	Analysis	8151A		1	872764	SAK	EET EDI	10/19/22 10:56
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3010A			872614	VAP	EET EDI	10/18/22 11:37
TCLP	Analysis	6020B		10	872840	CDC	EET EDI	10/19/22 16:33
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	7470A			872641	RBS	EET EDI	10/18/22 13:56
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 15:35
Total/NA	Analysis	1030		1	872863	AAP	EET EDI	10/19/22 13:12
Total/NA	Prep	7.3.3			872894	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9014		1	872900	HTV	EET EDI	10/19/22 14:00
Total/NA	Prep	7.3.4			872892	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9034		1	872898	HTV	EET EDI	10/19/22 14:00
Total/NA	Analysis	9045D		1	872890	YAH	EET EDI	10/19/22 13:59
Total/NA	Analysis	9095B		1	872864	AAP	EET EDI	10/19/22 12:30
Total/NA	Analysis	Moisture		1	872341	MVA	EET EDI	10/17/22 07:20
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	184956	MAP	EET BUR	10/20/22 16:50

Client Sample ID: B-13-C

Date Collected: 10/13/22 11:30

Date Received: 10/13/22 19:00

Lab Sample ID: 460-267459-10

Matrix: Solid

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			872055	GXY	EET EDI	10/14/22 19:47
Total/NA	Analysis	8270E		1	872180	YAH	EET EDI	10/16/22 05:24
Total/NA	Prep	3546			872034	ARA	EET EDI	10/14/22 17:20
Total/NA	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 13:50
Total/NA	Prep	3546			872029	ARA	EET EDI	10/14/22 17:04
Total/NA	Analysis	8082A		1	872363	JHP	EET EDI	10/17/22 12:40

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-13-C

Lab Sample ID: 460-267459-10

Date Collected: 10/13/22 11:30

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			872835	ZEH	EET EDI	10/19/22 10:36
Total/NA	Analysis	8151A		1	872903	SAK	EET EDI	10/19/22 20:38
Total/NA	Prep	3546			872228	BJB	EET EDI	10/16/22 12:23
Total/NA	Analysis	NJDEP EPH		1	872351	CDC	EET EDI	10/17/22 18:28
Total/NA	Prep	3050B			872301	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 15:31
Total/NA	Prep	7471B			872302	TJS	EET EDI	10/17/22 00:30
Total/NA	Analysis	7471B		1	872342	TJS	EET EDI	10/17/22 04:41
Total/NA	Prep	9012B			872818	IAA	EET EDI	10/19/22 09:38
Total/NA	Analysis	9012B		1	872889	AXP	EET EDI	10/19/22 15:30

Client Sample ID: B-01-G

Lab Sample ID: 460-267459-11

Date Collected: 10/13/22 12:00

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872298	BJB	EET EDI	10/16/22 21:10 - 10/17/22 16:30 ¹
TCLP	Analysis	8260D		10	872652	VBP	EET EDI	10/19/22 04:47
Total/NA	Analysis	Moisture		1	872341	MVA	EET EDI	10/17/22 07:20

Client Sample ID: B-01-G

Lab Sample ID: 460-267459-11

Date Collected: 10/13/22 12:00

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872224	YXG	EET EDI	10/16/22 10:48
Total/NA	Analysis	8260D		1	872655	VBP	EET EDI	10/19/22 03:00

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872487	GXY	EET EDI	10/17/22 21:26
TCLP	Analysis	8270E		1	872561	DXD	EET EDI	10/18/22 15:15
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3510C			872489	GXY	EET EDI	10/17/22 21:29
TCLP	Analysis	8081B		1	872508	FAM	EET EDI	10/18/22 11:25
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	8151A			872599	OTS	EET EDI	10/18/22 10:44
TCLP	Analysis	8151A		1	872764	SAK	EET EDI	10/19/22 11:36
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	3010A			872614	VAP	EET EDI	10/18/22 11:37
TCLP	Analysis	6020B		10	872840	CDC	EET EDI	10/19/22 16:36

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			872277	STD	EET EDI	10/16/22 15:00 - 10/17/22 07:00 ¹
TCLP	Prep	7470A			872641	RBS	EET EDI	10/18/22 13:56
TCLP	Analysis	7470A		1	872691	RBS	EET EDI	10/18/22 15:37
Total/NA	Analysis	1030		1	872863	AAP	EET EDI	10/19/22 13:12
Total/NA	Prep	7.3.3			872894	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9014		1	872900	HTV	EET EDI	10/19/22 14:00
Total/NA	Prep	7.3.4			872892	HTV	EET EDI	10/19/22 10:00
Total/NA	Analysis	9034		1	872898	HTV	EET EDI	10/19/22 14:00
Total/NA	Analysis	9045D		1	872890	YAH	EET EDI	10/19/22 14:01
Total/NA	Analysis	9095B		1	872864	AAP	EET EDI	10/19/22 12:37
Total/NA	Analysis	Moisture		1	872341	MVA	EET EDI	10/17/22 07:20
Total/NA	Analysis	SM 2540G		1	872352	PLS	EET EDI	10/17/22 08:28
Total/NA	Analysis	D422		1	184956	MAP	EET BUR	10/20/22 16:52

Client Sample ID: B-01-C

Lab Sample ID: 460-267459-12

Date Collected: 10/13/22 12:20

Matrix: Solid

Date Received: 10/13/22 19:00

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			872055	GXY	EET EDI	10/14/22 19:47
Total/NA	Analysis	8270E		1	872270	YAH	EET EDI	10/17/22 04:54
Total/NA	Prep	3546			872034	ARA	EET EDI	10/14/22 17:20
Total/NA	Analysis	8081B		1	872306	FAM	EET EDI	10/17/22 14:02
Total/NA	Prep	3546			872029	ARA	EET EDI	10/14/22 17:04
Total/NA	Analysis	8082A		1	872363	JHP	EET EDI	10/17/22 13:02
Total/NA	Prep	8151A			872835	ZEH	EET EDI	10/19/22 10:36
Total/NA	Analysis	8151A		1	872903	SAK	EET EDI	10/19/22 20:52
Total/NA	Prep	3546			872228	BJB	EET EDI	10/16/22 12:23
Total/NA	Analysis	NJDEP EPH		1	872351	CDC	EET EDI	10/17/22 18:47
Total/NA	Prep	3050B			872301	GAE	EET EDI	10/16/22 23:00
Total/NA	Analysis	6020B		1	872642	VAD	EET EDI	10/18/22 15:33
Total/NA	Prep	7471B			872302	TJS	EET EDI	10/17/22 00:30
Total/NA	Analysis	7471B		1	872342	TJS	EET EDI	10/17/22 04:42
Total/NA	Prep	9012B			872818	IAA	EET EDI	10/19/22 09:38
Total/NA	Analysis	9012B		1	872889	AXP	EET EDI	10/19/22 15:30

¹ Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	68-00522	02-28-23
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	1,2-Diphenylhydrazine
9014	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Corrosivity
9045D		Solid	Temperature
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NJDEP EPH	3546	Solid	Total EPH (C9-C40)
SM 2540G		Solid	Total Volatile Solids

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-23
Connecticut	State	PH-0751	09-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-17-23
Florida	NELAP	E87467	06-30-23
Minnesota	NELAP	050-999-436	12-31-22
New Hampshire	NELAP	2006	12-18-22
New Jersey	NELAP	VT972	06-30-23
New York	NELAP	10391	04-01-23
Pennsylvania	NELAP	68-00489	04-30-23
Rhode Island	State	LAO00298	12-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-23
USDA	US Federal Programs	P330-17-00272	10-30-23
Vermont	State	VT4000	02-10-23
Virginia	NELAP	460209	12-14-22
Wisconsin	State	399133350	08-31-23

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-22
A2LA	ISO/IEC 17025	0001.01	11-30-22
Alaska	State	PA00009	07-01-23
Alaska (UST)	State	17-027	02-28-23
Arizona	State	AZ0780	03-12-23
Arkansas DEQ	State	88-00660	08-09-23
California	State	2792	11-30-22
Colorado	State	PA00009	06-30-23
Connecticut	State	PH-0746	06-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-23
Delaware (DW)	State	N/A	01-31-23
Florida	NELAP	E87997	06-30-23

Accreditation/Certification Summary

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa Project

Job ID: 460-267346-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Georgia (DW)	State	C048	01-31-23
Hawaii	State	N/A	01-31-23
Illinois	NELAP	200027	01-31-23
Iowa	State	361	03-01-24
Kansas	NELAP	E-10151	10-31-22 *
Kentucky (DW)	State	KY90088	12-31-22
Kentucky (UST)	State	1.01	11-30-22
Kentucky (WW)	State	KY90088	01-01-23
Louisiana	NELAP	02055	06-30-23
Maine	State	2019012	03-12-23
Maryland	State	100	06-30-23
Massachusetts	State	M-PA009	11-10-22
Michigan	State	9930	01-31-23
Minnesota	NELAP	042-999-487	12-31-22
Mississippi	State	022	01-31-23
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-23
Montana (UST)	State	<cert No.>	02-01-23
Nebraska	State	NE-OS-32-17	01-31-23
New Hampshire	NELAP	2730	01-10-23
New Jersey	NELAP	PA011	06-30-23
New York	NELAP	10670	04-01-23
North Carolina (DW)	State	42705	07-31-23
North Carolina (WW/SW)	State	521	12-31-22
North Dakota	State	R-205	01-31-23
Oklahoma	NELAP	R-205	08-31-23
Oregon	NELAP	PA200001	09-11-23
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	01-31-23
Rhode Island	State	LAO00338	12-30-22
South Carolina	State	89002	01-31-23
Tennessee	State	02838	01-31-23
Texas	NELAP	T104704194-22-43	08-31-23
USDA	US Federal Programs	P330-19-00197	08-09-23
Vermont	State	VT - 36037	10-28-23
Virginia	NELAP	460182	06-15-23
Washington	State	C457	04-11-23
West Virginia (DW)	State	9906 C	12-31-22
West Virginia DEP	State	055	07-31-23
Wyoming	State	8TMS-L	01-31-23
Wyoming (UST)	A2LA	1.01	11-30-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
NJDEP EPH	New Jersey Extractable Petroleum Hydrocarbons	NJDEP	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
1030	Ignitability, Solids	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable	SW846	EET EDI
9014	Cyanide, Reactive	SW846	EET EDI
9034	Sulfide, Reactive	SW846	EET EDI
9045D	pH	SW846	EET EDI
9095B	Paint Filter	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
SM 2540G	Total, Fixed, and Volatile Solids	SM	EET EDI
D422	Grain Size	ASTM	EET BUR
D422	Grain Size	ASTM	ELLE
1311	TCLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7.3.3	Cyanide, Reactive	SW846	EET EDI
7.3.4	Sulfide, Reactive	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa Project

Job ID: 460-267346-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-267346-1	B-04-G	Solid	10/12/22 08:30	10/12/22 20:30
460-267346-2	B-04-C	Solid	10/12/22 08:45	10/12/22 20:30
460-267346-3	B-05-G	Solid	10/12/22 09:10	10/12/22 20:30
460-267346-4	B-05-C	Solid	10/12/22 09:35	10/12/22 20:30
460-267346-5	B-06-G	Solid	10/12/22 11:20	10/12/22 20:30
460-267346-6	B-06-C	Solid	10/12/22 12:00	10/12/22 20:30
460-267346-7	B-07-G	Solid	10/12/22 13:30	10/12/22 20:30
460-267346-8	B-07-C	Solid	10/12/22 13:50	10/12/22 20:30
460-267346-9	B-08-G	Solid	10/12/22 14:35	10/12/22 20:30
460-267346-10	B-08-C	Solid	10/12/22 15:00	10/12/22 20:30
460-267346-11	Test Blank	Water	10/12/22 15:00	10/12/22 20:30
460-267459-1	B-09-G	Solid	10/13/22 08:10	10/13/22 19:00
460-267459-2	B-09-C	Solid	10/13/22 08:25	10/13/22 19:00
460-267459-3	B-10-G	Solid	10/13/22 08:50	10/13/22 19:00
460-267459-4	B-10-C	Solid	10/13/22 09:05	10/13/22 19:00
460-267459-5	B-11-G	Solid	10/13/22 09:45	10/13/22 19:00
460-267459-6	B-11-C	Solid	10/13/22 10:05	10/13/22 19:00
460-267459-7	B-12-G	Solid	10/13/22 10:25	10/13/22 19:00
460-267459-8	B-12-C	Solid	10/13/22 10:45	10/13/22 19:00
460-267459-9	B-13-G	Solid	10/13/22 11:15	10/13/22 19:00
460-267459-10	B-13-C	Solid	10/13/22 11:30	10/13/22 19:00
460-267459-11	B-01-G	Solid	10/13/22 12:00	10/13/22 19:00
460-267459-12	B-01-C	Solid	10/13/22 12:20	10/13/22 19:00

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Eurofins Environment Testing America

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Chris Valligny		Site Contact: Matt Piarulli		Date: 10/12/22		COC No. _____ of _____ COCs									
Montrose Environmental Solutions		Email: C. Valligny/A. Graham		Lab Contact: Kristyn Temp		Carrier: Courier		TALS Project #:									
1055 Andrew Drive, Suite A		Tel/Fax:		Analysis Turnaround Time		Carrier: Courier		Sampler: MRP									
West Chester, Pa		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below		Carrier: Courier		For Lab Use Only:									
(610) 840-9100		Phone		2 weeks		Carrier: Courier		Walk-in Client: <input type="checkbox"/>									
(xxx) xxx-xxxx		FAX		1 week		Carrier: Courier		Lab Sampling:									
Project Name: Yaffa		Site:		2 days		Carrier: Courier		Job / SDG No.: 167346									
P O # 11595-01		Sample Identification		1 day		Carrier: Courier		Sample Specific Notes:									
Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL Voa + 10 + TCLP Voa	TCL BNA + 20/Pest/Herb + PCB	TAL Metals	NJDEP EPH - No Fractionation	Total Cyanide	Total Volatiles Solids/Total Solids	Grain Size/Sieve Analysis D422	TCLP SVOA/Herb/Pest/RCR8	pH/Ignitability/Reactivity	Paint Filter	
10/12/22	0830	G	S	5	N	N	X										1
10/12/22	0845	C	S	5	N	N	X	X	X	X	X	X	X	X	X	X	2
10/12/22	0910	G	S	5	N	N	X										3
10/12/22	0935	C	S	5	N	N	X	X	X	X	X	X	X	X	X	X	4
10/12/22	1120	G	S	5	N	N	X										5
10/12/22	1200	C	S	5	N	N	X	X	X	X	X	X	X	X	X	X	6
10/12/22	1350	G	S	5	N	N	X										7
10/12/22	1350	C	S	5	N	N	X	X	X	X	X	X	X	X	X	X	8
10/12/22	1455	G	S	5	N	N	X										9
10/12/22	1500	C	S	5	N	N	X	X	X	X	X	X	X	X	X	X	10
Test Blank																	11
<p>Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other_MeOH</p> <p>Possible Hazard Identification: _____</p> <p>Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes: _____</p> <p>Comments Section if the lab is to dispose of the sample.</p>																	12
<p><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant</p> <p>Special Instructions/QC Requirements & Comments:</p>																	13
<p>Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Relinquished by: <i>Matt Bell</i> Company: _____</p> <p>Relinquished by: _____ Company: _____</p> <p>Relinquished by: _____ Company: _____</p>																	14
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p>Client: _____ Disposal by Lab: <input type="checkbox"/> Archive for: _____ Months</p> <p>Therm ID No.: _____</p> <p>Cooler Temp. (°C): Obs'd: 40 Cor'd: 40</p> <p>Received by: _____ Date/Time: 10/12/22 1535</p> <p>Received by: _____ Date/Time: 10/12/22 1930</p> <p>Received in Laboratory by: _____ Date/Time: 10/12/22 2030</p>																	15

South Jersey Service Center
RCRA Other: **372**

267 459
Eurofins Environment Testing America

COC No: 1 of 2 COCs

Regulatory Program: DW NPDES

Client Contact Montrose Environmental Solutions 1055 Andrew Drive, Suite A West Chester, Pa (610) 840-9100 Phone (xxx) xxx-xxxx FAX Project Name: Yaffa Site: P O # 11595-01		Project Manager: Chris Valligny Email: C. Valligny/A. Graham Tel/Fax:		Site Contact: Matt Plarulli Date: 10/13/22 Lab Contact: Kristyn Temp Carrier: Courier	
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N)			
Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:
B-09-6	0810	G	S	5	1
B-09-C	0825	C	S	5	2
B-10-6	0850	G	S	5	3
B-10-C	0905	C	S	5	4
B-11-6	0945	G	S	5	5
B-11-C	1005	C	S	5	6
B-12-6	1025	G	S	5	7
B-12-C	1045	C	S	5	8
B-13-6	1115	G	S	5	9
B-13-C	1130	C	S	5	10
B-01-6	1200	G	S	5	11
B-01-C	1220	C	S	5	12
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other MeOH					

SHORT HOLD

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client Disposal by Lab Archive for _____ Months

363 391 190
#2 4.1 14.02

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Cooler Temp. (°C): Obs'd: 4.0	Corr'd: 6	Therm ID No.:
Relinquished by: <i>Chris Valligny</i>	Received by: <i>Matt Plarulli</i>	Company: <i>Montrose</i>	Date/Time: 10/13/22 1530
Relinquished by: <i>Chris Valligny</i>	Received by: <i>Chris Valligny</i>	Company: <i>Montrose</i>	Date/Time: 10/13/22 190
Relinquished by: <i>Chris Valligny</i>	Received in Laboratory by: <i>Chris Valligny</i>	Company: <i>Montrose</i>	Date/Time: 10/13/22 200

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Eurofins Edison
777 New Durham Road
Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Chain of Custody Record
South Jersey Service Center
372



Regulatory Program: DW NPDES RCRA Other

Project Manager: Chris Vailligny
Email: C. Vailligny@A.Graham

Client Contact
Montrose Environmental Solutions
1055 Andrew Drive, Suite A
West Chester, Pa
(610) 840-9100 Phone
(xxx) xxx-xxxx FAX
Project Name: Yaiffa
Site:
P O # 11595-01

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL Voa + 10 + TCLP Voa	TCL BNA + 20/Pest/Herb + PCB	TAL Metals	NJDEP EPH - No Fractionation	Total Cyanide	Total Volatiles Solids/Total Solids	Grain Size/Sieve Analysis D422	TCLP SVOA/Herb/Pest/R/CRA8	pH/Inhibitor/Reactivity	Paint Filter	Site Contact: Matt Piarulli		Date: 10/13/22	Carrier: Courier	COC No: 2 of 2	COCs
																		Lab Contact: Kristyn Temp	TALS Project #:				
C-02-G	10/13/22	1315	G	S	5	N	N	X	X	X	X	X	X	X	X	X	X						
C-01-C	10/13/22		C	S	5	N	N	X	X	X	X	X	X	X	X	X	X						
C-02-G	10/13/22	1500	G	S	5	N	N	X	X	X	X	X	X	X	X	X	X						
C-02-C	10/13/22	1526	C	S	5	N	N	X	X	X	X	X	X	X	X	X	X						
TAP blank																							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other MeOH
Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-Hazard Flammable Skin Irritant Poison B Unknown
Special Instructions/QC Requirements & Comments:
 Return to Client Disposal by Lab Archive for _____ Months

Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Company: Montox	Date/Time: 10/13/22	Received by: [Signature]	Company: [Signature]	Date/Time: 10/13/22	530
Company: EPA	Date/Time: 10/13/22 1630	Received by: [Signature]	Company: [Signature]	Date/Time: 10/13/22	[Signature]
Company: [Signature]	Date/Time: 10/13/22	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 10/13/22	[Signature]

Custody Seals Intact: Yes No
 Relinquished by: [Signature]
 Relinquished by: [Signature]
 Relinquished by: [Signature]

South Jersey Service Center
RCRA Other: **372**

267459

Eurofins Environment Testing America

Regulatory Program: DW NPDES

COC No: _____ of 3 COCs

Project Manager: Chris Vallygny

Client Contact: Montrose Environmental Solutions
1055 Andrew Drive, Suite A
West Chester, Pa
(610) 840-9100 Phone
(xxx) xxx-xxxx FAX
Project Name: Yaffa
Site:
P O # 11595-01

Site Contact: Matt Piarulli Date: 10/13/22
Lab Contact: Kristyn Temp Carrier: Courier

<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	Analysis Turnaround Time <input type="checkbox"/> WORKING DAYS <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day
--	---

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)											Sample Specific Notes:
						TCL Voa + 10 + TCLP Voa	TCL BNA + 20/Pest/Herb + PCB	TAL Metals	NDEP EPH - No Fractionation	Total Cyanide	Total Volatiles Solids/Total Solids	Grain Size/Sieve Analysis D422	TCLP SVOA/Herb/Pest/CR8	pH/Ignitability/Reactivity	Paint Filter		
B-09-G	10/13/22	0810	G	S	5	N	X	X	X	X	X	X	X	X	X	1	
B-09-C	10/13/22	0825	C	S	5	N	X	X	X	X	X	X	X	X	X	2	
B-10-G	10/13/22	0850	G	S	5	N	X	X	X	X	X	X	X	X	X	3	
B-10-C	10/13/22	0905	C	S	5	N	X	X	X	X	X	X	X	X	X	4	
B-11-G	10/13/22	0945	G	S	5	N	X	X	X	X	X	X	X	X	X	5	
B-11-C	10/13/22	1005	C	S	5	N	X	X	X	X	X	X	X	X	X	6	
B-12-G	10/13/22	1025	G	S	5	N	X	X	X	X	X	X	X	X	X	7	
B-12-C	10/13/22	1045	C	S	5	N	X	X	X	X	X	X	X	X	X	8	
B-13-G	10/13/22	1115	G	S	5	N	X	X	X	X	X	X	X	X	X	9	
B-13-C	10/13/22	1130	C	S	5	N	X	X	X	X	X	X	X	X	X	10	
B-01-G	10/13/22	1200	G	S	5	N	X	X	X	X	X	X	X	X	X	11	
B-01-C	10/13/22	1220	C	S	5	N	X	X	X	X	X	X	X	X	X	12	

SHORT HOLD

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other MeOH

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months
Custody Seal No.: Relinquished by: <i>Chris Vallygny</i> Relinquished by: <i>Montrose</i> Relinquished by: <i>Montrose</i>	Cooler Temp. (°C): Obs'd: <i>4.0</i> Corr'd: <i>1.6</i> Received by: <i>Montrose</i> Received by: <i>Montrose</i> Received in Laboratory by: <i>Montrose</i>
Date/Time: 10/13/22 Date/Time: 10/13/22 Date/Time: 10/13/22	Therm ID No.: <i>9</i> Date/Time: 10/13/22 1530 Date/Time: 10/13/22 1530 Date/Time: 10/13/22 20



Chain of Custody Record



460-267346 Chain of Custody

Client Information (Sub Contract Lab)		Sampler Tempe, Kristyn L	
Client Contact: Shipping/Receiving		E-Mail Kristyn Tempe@et.eurofinsus.com	
Company TestAmerica Laboratories, Inc.		State of Origin New Jersey	
Address 530 Community Drive, Suite 11, City South Burlington State, Zip VT, 05403		Page: Page 1 of 1	
Phone 802-660-1990(Tel) 802-660-1919(Fax)		Job #: 460-267346-1	
Email		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Project # 46039019		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Site		Total Number of Containers	
Sample Identification - Client ID (Lab ID)		Special Instructions/Note:	
B-04-C (460-267346-2)	Sample Date 10/12/22	Sample Time 08:45 Eastern	1
B-05-C (460-267346-4)	10/12/22	09:35 Eastern	1
B-06-C (460-267346-6)	10/12/22	12:00 Eastern	1
B-07-C (460-267346-8)	10/12/22	13:50 Eastern	1
B-08-C (460-267346-10)	10/12/22	15:00 Eastern	1
Matrix (W=water, S=solid, O=wast/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)	
Solid		X	
Solid		X	
Solid		X	
Solid		X	
Solid		X	
D42/ Grain Size (Slave Only)		Perform MS/MSD (Yes or No)	
		X	
Due Date Requested: 10/24/2022		Analysis Requested	
TAT Requested (days):			
PO #			
WO #			
Project # 46039019			
SSOW#			
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC</p>			
Possible Hazard Identification			
Unconfirmed			
Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by:			
Relinquished by: <i>[Signature]</i> Date/Time: 10/13/22 1800			
Relinquished by: <i>[Signature]</i> Date/Time: 10/14/22 10:25			
Relinquished by: <i>[Signature]</i> Date/Time: <i>[Signature]</i>			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Custody Seal No.:			
Cooler Temperature(s) °C and Other Remarks:			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:			
Method of Shipment			
Received by: <i>[Signature]</i> Date/Time: 10/14/22 10:25			
Received by: <i>[Signature]</i> Date/Time: <i>[Signature]</i>			
Received by: <i>[Signature]</i> Date/Time: <i>[Signature]</i>			



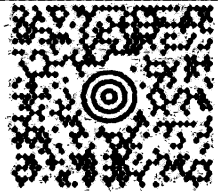
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- 10
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- 13
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- 15

KENNETH RIVERA
9083615236
EUROFINS EDISON
477 NEW DURHAM ROAD
EDISON NJ 08817

41 LBS

1 OF

SHIP TO:
SAMPLE RECEIVING
8026551203
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SOUTH BURLINGTON VT 05403



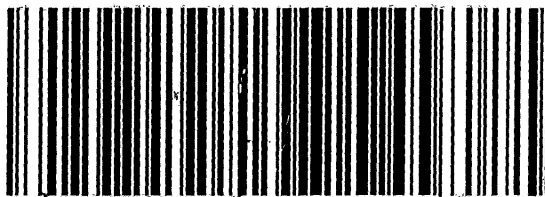
VT 054 0-02



UPS NEXT DAY AIR

TRACKING #: 1Z 73R 91R 01 9183 9774

1



BILLING: P/P



XOL 22-10-12 NV45 42.0A 10/2022*

Login Sample Receipt Checklist

Client: Montrose Environmental Solutions Inc

Job Number: 460-267346-1

Login Number: 267346

List Number: 1

Creator: Khlungprakhon, Sukanya

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Montrose Environmental Solutions Inc

Job Number: 460-267346-1

Login Number: 267346

List Number: 2

Creator: Cunningham, Caroline R

List Source: Eurofins Burlington

List Creation: 10/14/22 04:52 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1861144
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.8°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Montrose Environmental Solutions Inc

Job Number: 460-267346-1

Login Number: 267346

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 3

List Creation: 10/31/22 09:03 PM

Creator: Metzger, Katherine A

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace $> 6\text{mm}$ in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: Montrose Environmental Solutions Inc

Job Number: 460-267346-1

Login Number: 267459

List Source: Eurofins Edison

List Number: 1

Creator: Khlungprakhon, Sukanya

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Montrose Environmental Solutions Inc

Job Number: 460-267346-1

Login Number: 267459

List Number: 2

Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

List Creation: 10/18/22 05:38 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1861164
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.