

ANALYTICAL REPORT

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Laboratory Job ID: 460-267298-1
Client Project/Site: Yaffa

For:
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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

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	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.
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.
U	Indicates the analyte was analyzed for but not detected.

GC/MS 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/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
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 Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an Estimated Value for TICs
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.
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, 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
Project/Site: Yaffa

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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

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

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Laboratory: Eurofins Edison

Narrative

**Job Narrative
460-267298-1**

Comments

No additional comments.

Receipt

GC/MS VOA

GC/MS Semi VOA

GC Semi VOA

CASE NARRATIVE

Client: Montrose Environmental Solutions Inc

Project: Yaffa

Report Number: 460-267298-1

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 10/11/2022 8:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.4° C, 2.9° C and 3.5° C.

Receipt Exceptions

Per laboratory policy, the Trip Blank sample date/time was added to reflect the latest sample date/time of the sampling event.

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.

Case Narrative

Client: Montrose Environmental Solutions Inc
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Job ID: 460-267298-1 (Continued)

Laboratory: Eurofins Edison (Continued)

TCLP VOLATILE ORGANIC COMPOUNDS

Samples B-17-G (460-267298-1), B-16-G (460-267298-3), B-15-G (460-267298-5), B-14-G (460-267298-7), B-02-G (460-267298-9) and B-03-G (460-267298-11) were analyzed for TCLP Volatile Organic Compounds in accordance with EPA SW-846 Method 8260D - TCLP/1311. The samples were leached on 10/14/2022 and analyzed on 10/16/2022.

Samples B-17-G (460-267298-1)[10X], B-16-G (460-267298-3)[10X], B-15-G (460-267298-5)[10X], B-14-G (460-267298-7)[10X], B-02-G (460-267298-9)[10X] and B-03-G (460-267298-11)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the TCLP volatiles analysis.

All quality control parameters were within the acceptance limits.

2-Hexanone and Chlorodibromomethane failed the recovery criteria high for LCS 460-871784/4. Carbon disulfide and Methyl acetate failed the recovery criteria high for LCS 460-871870/4. Chlorodibromomethane failed the recovery criteria high for LCSD 460-871784/5. Carbon disulfide and Methyl acetate failed the recovery criteria high for LCSD 460-871870/5. Refer to the QC report for details.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples B-17-G (460-267298-1), B-16-G (460-267298-3), B-15-G (460-267298-5), B-14-G (460-267298-7), B-02-G (460-267298-9) and B-03-G (460-267298-11) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 10/12/2022 and analyzed on 10/14/2022. Sample TRIP BLANK (460-267298-13) was analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/13/2022

Acrolein failed the recovery criteria high for LCS 460-871634/7. Refer to the QC report for details.

Acrolein failed the recovery criteria high for the MS and MSD of sample 460-267204-2 in batch 460-871634.1,4-Dioxane exceeded the RPD limit. 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) associated with batch 460-871784 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane 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 460-871634 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane, Acrolein, Acrylonitrile and Methyl acetate. 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 460-871870 recovered above the upper control limit for Methyl acetate. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-871912 was outside the method criteria for the following analyte: Bromoform. 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 is considered estimated

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-871784 recovered outside control limits for the following analytes: 2-Hexanone and Chlorodibromomethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-871870 recovered outside control limits for the following analytes: Carbon disulfide and Methyl acetate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: B-17-G (460-267298-1). Elevated reporting limits (RLs) are provided.

No difficulties were encountered during the Volatiles analysis.

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Laboratory: Eurofins Edison (Continued)

All quality control parameters were within the acceptance limits.

TCLP CHLORINATED HERBICIDES

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for TCLP chlorinated herbicides in accordance with EPA SW-846 Methods 1311/ 8151A. The samples were leached on 10/13/2022, prepared on 10/14/2022 and analyzed on 10/17/2022.

No difficulties were encountered during the TCLP herbicides analysis.

All quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for TCLP semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E - TCLP/1311. The samples were leached on 10/13/2022, prepared on 10/14/2022 and analyzed on 10/15/2022.

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-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 10/12/2022 and analyzed on 10/13/2022 and 10/14/2022.

Atrazine and Caprolactam failed the recovery criteria high for LCS 460-871469/2-A. Atrazine and Caprolactam failed the recovery criteria high for LCSD 460-871469/3-A. Refer to the QC report for details.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-871940 and analytical batch 460-872070 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol failed the recovery criteria low for the MS of sample 460-267187-10 in batch 460-871587.

4,6-Dinitro-2-methylphenol failed the recovery criteria low for the MSD of sample 460-267187-10 in batch 460-871587. Atrazine failed the recovery criteria high.

Refer to the QC report for details.

The continuing calibration verification (CCV) analyzed in batch 460-871587 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol, Indeno[1,2,3-cd]pyrene, 2-Nitrophenol 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 460-871810 was outside the method criteria for the following analyte(s): 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.

The continuing calibration verification (CCV) associated with batch 460-871810 recovered above the upper control limit for 2,4-Dinitrophenol and 2-Nitrophenol. 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 460-872070 recovered above the upper control limit for 2,4-Dinitrotoluene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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Laboratory: Eurofins Edison (Continued)

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

TCLP PESTICIDES

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for TCLP pesticides in accordance with EPA SW-846 Methods 1311/ 8081B. The samples were leached on 10/13/2022, prepared on 10/14/2022 and 10/18/2022 and analyzed on 10/17/2022 and 10/19/2022.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-16-C (460-267298-4). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-15-C (460-267298-6). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for LB 460-871830/1-D. Refer to the QC report for details.

No other difficulties were encountered during the TCLP pesticides analysis.

All other quality control parameters were within the acceptance limits.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for MB 460-871988/1-A. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for MB 460-872490/1-A. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for LCS 460-872490/2-A. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for LCSD 460-872490/3-A. Refer to the QC report for details.

PESTICIDES

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 10/12/2022 and analyzed on 10/13/2022 and 10/14/2022.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-03-C (460-267298-12). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-17-C (460-267298-2). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-16-C (460-267298-4). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-15-C (460-267298-6). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-14-C (460-267298-8). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 180-145945-A-63-A MS. Refer to the QC report for details.

The DCB Decachlorobiphenyl surrogate recovery for the CCV was outside acceptance limits (high biased) on the confirmation column : The recovery is within acceptance limits on the other column, therefore the data have been reported.(CCVIS 460-871623/3),.(CCVIS 460-871862/3),.(CCVIS 460-872309/3),.(CCVIS 460-872511/3)B-16-C (460-267298-4), B-15-C (460-267298-6), (LB 460-871830/1-D) and (MB 460-871988/1-A). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control. The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column :

The continuing calibration verification (CCV) associated with batch 460-871623 recovered above the upper control limit for Endrin ketone 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 460-871623/3).

The continuing calibration verification (CCV) associated with batch 460-871862 recovered above the upper control limit for Endrin ketone and 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 460-871862/3).

The continuing calibration verification (CCV) associated with batch 460-872309 recovered above the upper control limit for Endrin ketone 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 460-872309/3). The continuing calibration verification (CCV) associated with batch 460-872739 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 460-872739/3).

The continuing calibration verification (CCV) associated with batch 460-872511 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 460-872511/3).

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the

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Laboratory: Eurofins Edison (Continued)

confirmation column : (LCSD 460-872490/3-A) and (MB 460-872490/1-A). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control
The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-871557 and analytical batch 460-871623 recovered outside control limits for the following analytes: Methoxychlor. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.
The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column due to matrix interference: (180-145945-A-63-A MS). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDD, 4,4'-DDE, and Chlordane (technical) for the following samples: B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8) and B-03-C (460-267298-12). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/12/2022 and analyzed on 10/13/2022.

DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria high for B-02-C (460-267298-10). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for B-03-C (460-267298-12). 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-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 10/12/2022 and analyzed on 10/13/2022.

No difficulties were encountered during the herbicides analysis.

All quality control parameters were within the acceptance limits.

EXTRACTABLE PETROLEUM HYDROCARBONS (EPH)

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for extractable petroleum hydrocarbons (EPH) in accordance with NJDEP EPH. The samples were prepared on 10/13/2022 and analyzed on 10/13/2022 and 10/14/2022.

1-Chlorooctadecane failed the surrogate recovery criteria high for B-02-C (460-267298-10). 1-Chlorooctadecane failed the surrogate recovery criteria high for LCSD 460-871719/3-A. Refer to the QC report for details.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-871719 and analytical batch 460-871826 recovered outside control limits for the following analytes: Total EPH (C9-C40) (LCS 460-871719/2-A) and (LCSD 460-871719/3-A)

Sample B-03-C (460-267298-12) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the NJEPH analysis.

All other quality control parameters were within the acceptance limits.

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Client: Montrose Environmental Solutions Inc
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Job ID: 460-267298-1 (Continued)

Laboratory: Eurofins Edison (Continued)

METALS - TCLP

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Metals - TCLP in accordance with EPA SW-846 Method 6020B - TCLP/1311. The samples were leached on 10/13/2022, prepared on 10/14/2022 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-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared on 10/13/2022 and analyzed on 10/14/2022.

Barium, Copper, Iron and Manganese failed the recovery criteria low for the MS of sample B-03-CMS (460-267298-12) in batch 460-872019. Aluminum, Lead and Potassium failed the recovery criteria high.

Refer to the QC report for details.

Barium, Cadmium, Calcium and Copper exceeded the RPD limit for the duplicate of sample B-03-CDU (460-267298-12). 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-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Mercury - TCLP in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 10/13/2022, and prepared and analyzed on 10/14/2022.

No difficulties were encountered during the TCLP Hg analysis.

All quality control parameters were within the acceptance limits.

MERCURY - TOTAL

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Mercury - Total in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 10/13/2022.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

IGNITABILITY

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Ignitability in accordance with EPA SW-846 Method 1030. The samples were analyzed on 10/17/2022.

No difficulties were encountered during the Ignitability analysis.

All quality control parameters were within the acceptance limits.

TOTAL SOLIDS

Case Narrative

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Job ID: 460-267298-1 (Continued)

Laboratory: Eurofins Edison (Continued)

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Total Solids in accordance with SM 2540G. The samples were analyzed on 10/13/2022.

Total Volatile Solids exceeded the RPD limit for the duplicate of sample B-17-CDU (460-267298-2). Refer to the QC report for details.

No other difficulties were encountered during the TS analysis.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) 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.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

REACTIVE CYANIDE

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for reactive cyanide in accordance with EPA SW-846 Method 7.3.3/9014. The samples were prepared and analyzed on 10/17/2022.

No difficulties were encountered during the reactive cyanide analysis.

All quality control parameters were within the acceptance limits.

REACTIVE SULFIDE

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for reactive sulfide in accordance with EPA SW-846 Method 7.3.4/9034. The samples were prepared and analyzed on 10/17/2022.

Sulfide, Reactive failed the recovery criteria low for the MS, sample B-17-CMS (460-267298-2), and MSD sample B-17-CMSD in batch 460-872469.

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-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) 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-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10), B-03-C (460-267298-12), (460-266725-E-3) and (460-266725-E-3 DU).

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

All quality control parameters were within the acceptance limits.

PAINT FILTER

Case Narrative

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Job ID: 460-267298-1 (Continued)

Laboratory: Eurofins Edison (Continued)

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for Paint Filter in accordance with EPA SW-846 Method 9095B. The samples were analyzed on 10/14/2022.

No difficulties were encountered during the Free Liquids analysis.

All quality control parameters were within the acceptance limits.

D422 GRAIN SIZE

Samples B-17-C (460-267298-2), B-16-C (460-267298-4), B-15-C (460-267298-6), B-14-C (460-267298-8), B-02-C (460-267298-10) and B-03-C (460-267298-12) were analyzed for D422 grain size in accordance with D422 grain size. The samples were analyzed on 10/20/2022.

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-17-G (460-267298-1), B-17-C (460-267298-2), B-16-G (460-267298-3), B-16-C (460-267298-4), B-15-G (460-267298-5), B-15-C (460-267298-6), B-14-G (460-267298-7), B-14-C (460-267298-8), B-02-G (460-267298-9), B-02-C (460-267298-10), B-03-G (460-267298-11) and B-03-C (460-267298-12) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/13/2022 and 10/14/2022.

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

Job ID: 460-267298-1

Client Sample ID: B-17-G

Lab Sample ID: 460-267298-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	13		0.10	0.022	mg/Kg	50	✳	8260D	Total/NA

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.070	J	0.37	0.0064	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.030	J	0.37	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.073	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	0.091	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	1.8		0.37	0.0066	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.36	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.18	J	0.37	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	2.6		0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	2.2		0.37	0.0093	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	1.3		0.037	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	1.2		0.37	0.0063	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	1.6		0.037	0.0096	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.48		0.037	0.0073	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	1.1		0.037	0.0099	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.86		0.037	0.015	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.19		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.64		0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDD	0.0045	J	0.0075	0.0013	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDE	0.0039	J p	0.0075	0.00089	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.019		0.0075	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.049	J p	0.075	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	68	*1	16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.71		0.34	0.075	mg/Kg	1	✳	6020B	Total/NA
Aluminum	10800		17.0	4.7	mg/Kg	1	✳	6020B	Total/NA
Arsenic	5.4		0.85	0.087	mg/Kg	1	✳	6020B	Total/NA
Barium	54.8		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.43		0.34	0.048	mg/Kg	1	✳	6020B	Total/NA
Calcium	3940		84.8	15.0	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.18	J	0.85	0.096	mg/Kg	1	✳	6020B	Total/NA
Cobalt	6.0		1.7	0.13	mg/Kg	1	✳	6020B	Total/NA
Chromium	20.0		1.7	0.77	mg/Kg	1	✳	6020B	Total/NA
Copper	25.4		1.7	0.31	mg/Kg	1	✳	6020B	Total/NA
Iron	17400		50.9	17.1	mg/Kg	1	✳	6020B	Total/NA
Potassium	1060		84.8	13.7	mg/Kg	1	✳	6020B	Total/NA
Magnesium	2150		84.8	8.7	mg/Kg	1	✳	6020B	Total/NA
Manganese	187		3.4	0.34	mg/Kg	1	✳	6020B	Total/NA
Sodium	79.2	J	84.8	38.8	mg/Kg	1	✳	6020B	Total/NA
Nickel	10.5		1.7	0.40	mg/Kg	1	✳	6020B	Total/NA
Lead	73.4		0.51	0.17	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.63	J	0.85	0.12	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.18	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.10	J	0.34	0.035	mg/Kg	1	✳	6020B	Total/NA
Vanadium	25.8		1.7	0.17	mg/Kg	1	✳	6020B	Total/NA
Zinc	74.6		6.8	2.6	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

Job ID: 460-267298-1

Client Sample ID: B-17-C (Continued)

Lab Sample ID: 460-267298-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.51		0.040	0.0091	mg/L	10		6020B	TCLP
Lead	0.14		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.21		0.019	0.0089	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	2.2		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	15.6				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	45.5				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	5.5				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	16.4				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	23.6				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	38.9				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	89.6				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	84.4				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	78.9				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	72.4				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	62.5				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	51.6				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	47.8				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	44.6				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	38.9				% Passing	1		D422	Total/NA

Client Sample ID: B-16-G

Lab Sample ID: 460-267298-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0067		0.0018	0.0010	mg/Kg	1	☼	8260D	Total/NA
Trichlorofluoromethane	0.00056	J	0.00089	0.00036	mg/Kg	1	☼	8260D	Total/NA
Carbon tetrachloride	0.00072	J	0.00089	0.00035	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00042	J	0.00089	0.00027	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.056	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.040	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.097	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.13	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.11	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.18	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.7		0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.45		0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.15	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.029	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.0		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.8		0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.2		0.036	0.013	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

Job ID: 460-267298-1

Client Sample ID: B-16-C (Continued)

Lab Sample ID: 460-267298-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	1.0		0.36	0.0061	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.3		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.42		0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.95		0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.67		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.17		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.49		0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDE	0.0021	J p	0.0073	0.00086	mg/Kg	1	☼	8081B	Total/NA
4,4'-DDT	0.016		0.0073	0.0013	mg/Kg	1	☼	8081B	Total/NA
Chlordane (technical)	0.055	J p	0.073	0.018	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	83	*1	15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Silver	0.089	J	0.33	0.074	mg/Kg	1	☼	6020B	Total/NA
Aluminum	11400		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.2		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	67.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.50		0.33	0.048	mg/Kg	1	☼	6020B	Total/NA
Calcium	11400		83.6	14.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	0.84	0.094	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.3		1.7	0.76	mg/Kg	1	☼	6020B	Total/NA
Copper	28.1		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	18000		50.2	16.9	mg/Kg	1	☼	6020B	Total/NA
Potassium	1290		83.6	13.5	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3110		83.6	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	230		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Sodium	87.8		83.6	38.2	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.8		1.7	0.39	mg/Kg	1	☼	6020B	Total/NA
Lead	128		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.0		0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	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	28.7		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	84.3		6.7	2.5	mg/Kg	1	☼	6020B	Total/NA
Barium	0.47		0.040	0.0091	mg/L	10		6020B	TCLP
Lead	0.13		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.34		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.1	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
Gravel	9.1				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	43.4				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	6.0				%	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	24.1				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	47.5				%	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

Job ID: 460-267298-1

Client Sample ID: B-16-C (Continued)

Lab Sample ID: 460-267298-4

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Sieve Size 0.375 inch - Percent Finer	96.1				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	90.9				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	84.9				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	79.5				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	71.6				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	62.0				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	57.4				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	55.0				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	47.5				% Passing	1		D422	Total/NA

Client Sample ID: B-15-G

Lab Sample ID: 460-267298-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.011		0.0018	0.0010	mg/Kg	1	✳	8260D	Total/NA
Acetone	0.015		0.0055	0.0052	mg/Kg	1	✳	8260D	Total/NA
Carbon disulfide	0.0013		0.00092	0.00024	mg/Kg	1	✳	8260D	Total/NA
Trichloroethene	0.00039	J	0.00092	0.00029	mg/Kg	1	✳	8260D	Total/NA
Tetrachloroethene	0.0028		0.00092	0.00028	mg/Kg	1	✳	8260D	Total/NA
m-Xylene & p-Xylene	0.00028	J	0.00092	0.00016	mg/Kg	1	✳	8260D	Total/NA
o-Xylene	0.00019	J	0.00092	0.00018	mg/Kg	1	✳	8260D	Total/NA
Methylcyclohexane	0.00052	J	0.00092	0.00046	mg/Kg	1	✳	8260D	Total/NA

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.14	J	0.36	0.0063	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.084	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.083	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.21	J	0.36	0.010	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.18	J	0.36	0.012	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.22	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	2.5		0.36	0.0064	mg/Kg	1	✳	8270E	Total/NA
Anthracene	1.3		0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.30	J	0.36	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	2.9		0.36	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	3.2		0.36	0.0090	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	1.8		0.036	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	1.5		0.36	0.0061	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	2.1		0.036	0.0094	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.64		0.036	0.0071	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	1.4		0.036	0.0097	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.2		0.036	0.014	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.26		0.036	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.92		0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
1,1'-Biphenyl	0.025	J	0.36	0.013	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDD	0.0039	J p	0.0073	0.0013	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDE	0.0095		0.0073	0.00087	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.025		0.0073	0.0013	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.11		0.073	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	200	*1	15	15	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.14	J	0.33	0.072	mg/Kg	1	✳	6020B	Total/NA
Aluminum	11300		16.3	4.5	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

Job ID: 460-267298-1

Client Sample ID: B-15-C (Continued)

Lab Sample ID: 460-267298-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		0.81	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	79.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.48		0.33	0.046	mg/Kg	1	☼	6020B	Total/NA
Calcium	6680		81.4	14.4	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.3		1.6	0.74	mg/Kg	1	☼	6020B	Total/NA
Copper	47.2		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	18900		48.9	16.5	mg/Kg	1	☼	6020B	Total/NA
Potassium	1560		81.4	13.2	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3000		81.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	239		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Sodium	90.6		81.4	37.2	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.6		1.6	0.38	mg/Kg	1	☼	6020B	Total/NA
Lead	1100		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.0		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.29	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.33	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.9		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	117		6.5	2.5	mg/Kg	1	☼	6020B	Total/NA
Barium	0.59		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0054	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.22		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.39		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA
pH	8.4	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.4	HF			SU	1		9045D	Total/NA
Total Volatile Solids	3.3		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	7.0				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	52.5				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	6.9				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	18.5				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	27.1				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	40.5				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	99.4				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	93.0				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	86.1				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	78.5				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	67.6				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	55.9				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	51.5				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	47.6				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	40.5				% 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

Job ID: 460-267298-1

Client Sample ID: B-14-G

Lab Sample ID: 460-267298-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.059		0.0054	0.0051	mg/Kg	1	✳	8260D	Total/NA
Carbon disulfide	0.0014		0.00089	0.00024	mg/Kg	1	✳	8260D	Total/NA

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.11	J	0.37	0.0065	mg/Kg	1	✳	8270E	Total/NA
2-Methylnaphthalene	0.053	J	0.37	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.18	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.17	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	0.20	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	2.3		0.37	0.0066	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.57		0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.25	J	0.37	0.014	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	3.4		0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	2.9		0.37	0.0093	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	1.8		0.037	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	1.6		0.37	0.0063	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	2.1		0.037	0.0097	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.75		0.037	0.0073	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	1.6		0.037	0.010	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.2		0.037	0.015	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.25		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.84		0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDD	0.0025	J p	0.0076	0.0013	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDE	0.0033	J p	0.0076	0.00089	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.018		0.0076	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.075	J p	0.076	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	140	*1	16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.13	J	0.36	0.079	mg/Kg	1	✳	6020B	Total/NA
Aluminum	13000		17.8	4.9	mg/Kg	1	✳	6020B	Total/NA
Arsenic	6.0		0.89	0.092	mg/Kg	1	✳	6020B	Total/NA
Barium	76.2		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.56		0.36	0.051	mg/Kg	1	✳	6020B	Total/NA
Calcium	6670		89.1	15.8	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.26	J	0.89	0.10	mg/Kg	1	✳	6020B	Total/NA
Cobalt	7.7		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Chromium	23.2		1.8	0.81	mg/Kg	1	✳	6020B	Total/NA
Copper	36.4		1.8	0.33	mg/Kg	1	✳	6020B	Total/NA
Iron	19800		53.5	18.0	mg/Kg	1	✳	6020B	Total/NA
Potassium	1390		89.1	14.4	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3160		89.1	9.1	mg/Kg	1	✳	6020B	Total/NA
Manganese	231		3.6	0.36	mg/Kg	1	✳	6020B	Total/NA
Sodium	106		89.1	40.7	mg/Kg	1	✳	6020B	Total/NA
Nickel	14.4		1.8	0.42	mg/Kg	1	✳	6020B	Total/NA
Lead	142		0.53	0.18	mg/Kg	1	✳	6020B	Total/NA
Antimony	2.2		0.89	0.13	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.26	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.13	J	0.36	0.037	mg/Kg	1	✳	6020B	Total/NA
Vanadium	29.8		1.8	0.18	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

Job ID: 460-267298-1

Client Sample ID: B-14-C (Continued)

Lab Sample ID: 460-267298-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	147		7.1	2.7	mg/Kg	1	☼	6020B	Total/NA
Barium	0.59		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0071	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.21		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.28		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	8.9	HF			SU	1		9045D	Total/NA
Temperature	21.1	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.9	HF			SU	1		9045D	Total/NA
Total Volatile Solids	2.7		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	8.9				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	47.7				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	6.1				%	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	24.6				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	43.4				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	96.8				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	91.1				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	85.0				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	78.0				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	68.0				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	57.5				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	52.7				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	50.2				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	43.4				% Passing	1		D422	Total/NA

Client Sample ID: B-02-G

Lab Sample ID: 460-267298-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.13		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0017		0.00097	0.00026	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0051		0.0048	0.00036	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00017	J	0.00097	0.00017	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.00027	J	0.00097	0.00021	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.00061	J	0.00097	0.00048	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: B-02-C

Lab Sample ID: 460-267298-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.21	J	0.37	0.0065	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.095	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.15	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.21	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.18	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.25	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	2.9		0.37	0.0066	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.78		0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.27	J	0.37	0.014	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

Job ID: 460-267298-1

Client Sample ID: B-02-C (Continued)

Lab Sample ID: 460-267298-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	4.0		0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
Pyrene	4.6		0.37	0.0093	mg/Kg	1	✳	8270E	Total/NA
Butyl benzyl phthalate	0.025	J	0.37	0.018	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	2.6		0.037	0.013	mg/Kg	1	✳	8270E	Total/NA
Chrysene	2.3		0.37	0.0064	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	3.0		0.037	0.0097	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.96		0.037	0.0074	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	2.3		0.037	0.010	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.9		0.037	0.015	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.40		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	1.4		0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
1,1'-Biphenyl	0.029	J	0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDD	0.0049	J	0.0076	0.0013	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDE	0.0094		0.0076	0.00089	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.040		0.0076	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.27		0.076	0.018	mg/Kg	1	✳	8081B	Total/NA
Total EPH (C9-C40)	260	*1	16	16	mg/Kg	1	✳	NJDEP EPH	Total/NA
Silver	0.15	J	0.34	0.077	mg/Kg	1	✳	6020B	Total/NA
Aluminum	11500		17.2	4.7	mg/Kg	1	✳	6020B	Total/NA
Arsenic	6.0		0.86	0.089	mg/Kg	1	✳	6020B	Total/NA
Barium	112		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.52		0.34	0.049	mg/Kg	1	✳	6020B	Total/NA
Calcium	8070		86.1	15.2	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.33	J	0.86	0.097	mg/Kg	1	✳	6020B	Total/NA
Cobalt	7.0		1.7	0.13	mg/Kg	1	✳	6020B	Total/NA
Chromium	22.1		1.7	0.78	mg/Kg	1	✳	6020B	Total/NA
Copper	38.1		1.7	0.32	mg/Kg	1	✳	6020B	Total/NA
Iron	19600		51.7	17.4	mg/Kg	1	✳	6020B	Total/NA
Potassium	1480		86.1	13.9	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3330		86.1	8.8	mg/Kg	1	✳	6020B	Total/NA
Manganese	234		3.4	0.35	mg/Kg	1	✳	6020B	Total/NA
Sodium	110		86.1	39.3	mg/Kg	1	✳	6020B	Total/NA
Nickel	12.6		1.7	0.40	mg/Kg	1	✳	6020B	Total/NA
Lead	183		0.52	0.17	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.95		0.86	0.13	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.30	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.14	J	0.34	0.035	mg/Kg	1	✳	6020B	Total/NA
Vanadium	28.9		1.7	0.18	mg/Kg	1	✳	6020B	Total/NA
Zinc	140		6.9	2.6	mg/Kg	1	✳	6020B	Total/NA
Barium	0.69		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0056	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.33		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.51		0.019	0.0091	mg/Kg	1	✳	7471B	Total/NA
Cyanide, Total	0.17	J	0.24	0.13	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	2.7		0.10	0.10	%	1		SM 2540G	Total/NA
Gravel	9.7				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	46.0				%	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

Job ID: 460-267298-1

Client Sample ID: B-02-C (Continued)

Lab Sample ID: 460-267298-10

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	6.7				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	16.2				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	23.1				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	44.3				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	94.4				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	90.3				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	83.6				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	76.6				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	67.4				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	58.2				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	54.5				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	51.2				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	44.3				% Passing	1		D422	Total/NA

Client Sample ID: B-03-G

Lab Sample ID: 460-267298-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018		0.0057	0.0054	mg/Kg	1	✱	8260D	Total/NA
Carbon disulfide	0.0013		0.00095	0.00025	mg/Kg	1	✱	8260D	Total/NA

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.28	J	0.37	0.0063	mg/Kg	1	✱	8270E	Total/NA
2-Methylnaphthalene	0.13	J	0.37	0.010	mg/Kg	1	✱	8270E	Total/NA
Acenaphthylene	0.16	J	0.37	0.010	mg/Kg	1	✱	8270E	Total/NA
Acenaphthene	0.28	J	0.37	0.010	mg/Kg	1	✱	8270E	Total/NA
Dibenzofuran	0.25	J	0.37	0.012	mg/Kg	1	✱	8270E	Total/NA
Fluorene	0.31	J	0.37	0.011	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	3.5		0.37	0.0064	mg/Kg	1	✱	8270E	Total/NA
Anthracene	0.86		0.37	0.011	mg/Kg	1	✱	8270E	Total/NA
Carbazole	0.34	J	0.37	0.014	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	4.2		0.37	0.013	mg/Kg	1	✱	8270E	Total/NA
Pyrene	3.6		0.37	0.0091	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]anthracene	2.2		0.037	0.013	mg/Kg	1	✱	8270E	Total/NA
Chrysene	2.1		0.37	0.0062	mg/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	2.5		0.037	0.0095	mg/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	0.91		0.037	0.0072	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	1.9		0.037	0.0098	mg/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.4		0.037	0.014	mg/Kg	1	✱	8270E	Total/NA
Dibenz(a,h)anthracene	0.32		0.037	0.016	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	1.0		0.37	0.011	mg/Kg	1	✱	8270E	Total/NA
1,1'-Biphenyl	0.040	J	0.37	0.013	mg/Kg	1	✱	8270E	Total/NA
4,4'-DDE	0.0072	J p	0.0074	0.00087	mg/Kg	1	✱	8081B	Total/NA
4,4'-DDT	0.041		0.0074	0.0014	mg/Kg	1	✱	8081B	Total/NA
Chlordane (technical)	1.0		0.074	0.018	mg/Kg	1	✱	8081B	Total/NA
Total EPH (C9-C40)	210	*1	77	77	mg/Kg	5	✱	NJDEP EPH	Total/NA
Silver	0.11	J	0.36	0.080	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

Job ID: 460-267298-1

Client Sample ID: B-03-C (Continued)

Lab Sample ID: 460-267298-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11900		17.9	4.9	mg/Kg	1	✳	6020B	Total/NA
Arsenic	5.8		0.89	0.092	mg/Kg	1	✳	6020B	Total/NA
Barium	137		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.54		0.36	0.051	mg/Kg	1	✳	6020B	Total/NA
Calcium	7630		89.4	15.8	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.30	J	0.89	0.10	mg/Kg	1	✳	6020B	Total/NA
Cobalt	7.6		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Chromium	22.8		1.8	0.81	mg/Kg	1	✳	6020B	Total/NA
Copper	34.8	F1	1.8	0.33	mg/Kg	1	✳	6020B	Total/NA
Iron	20100		53.6	18.1	mg/Kg	1	✳	6020B	Total/NA
Potassium	1590	F1	89.4	14.5	mg/Kg	1	✳	6020B	Total/NA
Magnesium	3520		89.4	9.1	mg/Kg	1	✳	6020B	Total/NA
Manganese	259		3.6	0.36	mg/Kg	1	✳	6020B	Total/NA
Sodium	108		89.4	40.8	mg/Kg	1	✳	6020B	Total/NA
Nickel	13.2		1.8	0.42	mg/Kg	1	✳	6020B	Total/NA
Lead	130		0.54	0.18	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.81	J	0.89	0.13	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.28	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.13	J	0.36	0.037	mg/Kg	1	✳	6020B	Total/NA
Vanadium	30.9		1.8	0.18	mg/Kg	1	✳	6020B	Total/NA
Zinc	114		7.1	2.7	mg/Kg	1	✳	6020B	Total/NA
Barium	0.58		0.040	0.0091	mg/L	10		6020B	TCLP
Cadmium	0.0050	J	0.020	0.0039	mg/L	10		6020B	TCLP
Lead	0.24		0.012	0.0084	mg/L	10		6020B	TCLP
Mercury	0.27		0.017	0.0081	mg/Kg	1	✳	7471B	Total/NA
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.4	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
Gravel	4.9				%	1		D422	Total/NA
Sieve Size 3 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Sand	51.7				%	1		D422	Total/NA
Sieve Size 2 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Coarse Sand	5.2				%	1		D422	Total/NA
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Medium Sand	18.9				%	1		D422	Total/NA
Sieve Size 1 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fine Sand	27.6				%	1		D422	Total/NA
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing	1		D422	Total/NA
Fines	43.4				%	1		D422	Total/NA
Sieve Size 0.375 inch - Percent Finer	98.6				% Passing	1		D422	Total/NA
Sieve Size #4 - Percent Finer	95.1				% Passing	1		D422	Total/NA
Sieve Size #10 - Percent Finer	89.9				% Passing	1		D422	Total/NA
Sieve Size #20 - Percent Finer	82.8				% Passing	1		D422	Total/NA
Sieve Size #40 - Percent Finer	71.0				% Passing	1		D422	Total/NA
Sieve Size #60 - Percent Finer	58.9				% Passing	1		D422	Total/NA
Sieve Size #80 - Percent Finer	53.5				% Passing	1		D422	Total/NA
Sieve Size #100 - Percent Finer	50.7				% Passing	1		D422	Total/NA
Sieve Size #200 - Percent Finer	43.4				% 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

Job ID: 460-267298-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-267298-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.51	J	1.0	0.40	ug/L	1		8260D	Total/NA

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This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-G

Lab Sample ID: 460-267298-1

Date Collected: 10/11/22 08:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.042	U	0.10	0.042	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Bromomethane	0.057	U	0.10	0.057	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Vinyl chloride	0.021	U	0.10	0.021	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Chloroethane	0.038	U	0.10	0.038	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Methylene Chloride	13		0.10	0.022	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Acetone	0.46	U	0.52	0.46	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Carbon disulfide	0.070	U	0.10	0.070	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Trichlorofluoromethane	0.033	U	0.10	0.033	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,1-Dichloroethene	0.027	U	0.10	0.027	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,1-Dichloroethane	0.025	U	0.10	0.025	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
trans-1,2-Dichloroethene	0.019	U	0.10	0.019	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
cis-1,2-Dichloroethene	0.027	U	0.10	0.027	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Chloroform	0.023	U	0.10	0.023	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,2-Dichloroethane	0.026	U	0.10	0.026	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
2-Butanone (MEK)	0.23	U	0.52	0.23	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,1,1-Trichloroethane	0.029	U	0.10	0.029	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Carbon tetrachloride	0.034	U	0.10	0.034	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Dichlorobromomethane	0.016	U	0.10	0.016	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,2-Dichloropropane	0.019	U	0.10	0.019	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
cis-1,3-Dichloropropene	0.023	U	0.10	0.023	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Trichloroethene	0.023	U	0.10	0.023	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Chlorodibromomethane	0.023	U	0.10	0.023	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,1,1,2-Trichloroethane	0.021	U	0.10	0.021	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Benzene	0.021	U	0.10	0.021	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
trans-1,3-Dichloropropene	0.023	U	0.10	0.023	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Bromoform	0.019	U	0.10	0.019	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
4-Methyl-2-pentanone (MIBK)	0.13	U	0.52	0.13	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
2-Hexanone	0.12	U	0.52	0.12	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Tetrachloroethene	0.037	U	0.10	0.037	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,1,1,2-Tetrachloroethane	0.021	U	0.10	0.021	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Toluene	0.026	U	0.10	0.026	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Chlorobenzene	0.025	U	0.10	0.025	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Ethylbenzene	0.031	U	0.10	0.031	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Styrene	0.018	U	0.10	0.018	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
m-Xylene & p-Xylene	0.029	U	0.10	0.029	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
o-Xylene	0.033	U	0.10	0.033	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Acrolein	0.25	U	0.52	0.25	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,1,1,2-Trichloro-1,2,2-trifluoroethane	0.035	U	0.10	0.035	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
TBA	0.86	U	1.0	0.86	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Acrylonitrile	0.19	U	1.0	0.19	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Methyl tert-butyl ether	0.022	U	0.10	0.022	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Cyclohexane	0.027	U	0.10	0.027	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Ethylene Dibromide	0.020	U	0.10	0.020	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,3-Dichlorobenzene	0.034	U	0.10	0.034	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,4-Dichlorobenzene	0.035	U	0.10	0.035	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,2-Dichlorobenzene	0.023	U	0.10	0.023	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
Dichlorodifluoromethane	0.032	U	0.10	0.032	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,2,4-Trichlorobenzene	0.028	U	0.10	0.028	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50
1,4-Dioxane	2.9	U	5.2	2.9	mg/Kg	✳	10/12/22 21:13	10/14/22 14:14	50

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-G

Lab Sample ID: 460-267298-1

Date Collected: 10/11/22 08:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.7

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	0.036	U	0.10	0.036	mg/Kg	☼	10/12/22 21:13	10/14/22 14:14	50
1,2-Dibromo-3-Chloropropane	0.022	U	0.10	0.022	mg/Kg	☼	10/12/22 21:13	10/14/22 14:14	50
Chlorobromomethane	0.031	U	0.10	0.031	mg/Kg	☼	10/12/22 21:13	10/14/22 14:14	50
Isopropylbenzene	0.033	U	0.10	0.033	mg/Kg	☼	10/12/22 21:13	10/14/22 14:14	50
Methyl acetate	0.081	U	0.52	0.081	mg/Kg	☼	10/12/22 21:13	10/14/22 14:14	50
Methylcyclohexane	0.075	U	0.10	0.075	mg/Kg	☼	10/12/22 21:13	10/14/22 14:14	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/12/22 21:13	10/14/22 14:14	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 150	10/12/22 21:13	10/14/22 14:14	50
Toluene-d8 (Surr)	105		80 - 147	10/12/22 21:13	10/14/22 14:14	50
4-Bromofluorobenzene	99		70 - 150	10/12/22 21:13	10/14/22 14:14	50
Dibromofluoromethane (Surr)	102		68 - 150	10/12/22 21:13	10/14/22 14:14	50

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			10/16/22 14:19	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/16/22 14:19	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/16/22 14:19	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/16/22 14:19	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/16/22 14:19	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/16/22 14:19	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/16/22 14:19	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/16/22 14:19	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/16/22 14:19	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/16/22 14:19	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 128		10/16/22 14:19	10
4-Bromofluorobenzene	98		76 - 120		10/16/22 14:19	10
Dibromofluoromethane (Surr)	105		77 - 124		10/16/22 14:19	10
Toluene-d8 (Surr)	104		80 - 120		10/16/22 14:19	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.3		1.0	1.0	%			10/13/22 07:50	1
Percent Solids (EPA Moisture)	88.7		1.0	1.0	%			10/13/22 07:50	1

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Date Collected: 10/11/22 08:55

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.6

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	☼	10/12/22 10:28	10/13/22 07:06	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
2-Nitrophenol	0.037	U	0.37	0.037	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Date Collected: 10/11/22 08:55

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.044	U	0.37	0.044	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2,4-Dinitrotoluene	0.040	U	0.075	0.040	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
4-Nitrophenol	0.061	U	0.75	0.061	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Pentachlorophenol	0.076	U	0.30	0.076	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
N-Nitrosodimethylamine	0.034	U	0.37	0.034	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Nitrobenzene	0.021	U	0.037	0.021	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Naphthalene	0.070	J	0.37	0.0064	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
4-Chloroaniline	0.066	U	0.37	0.066	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Hexachlorobutadiene	0.0079	U	0.075	0.0079	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2-Methylnaphthalene	0.030	J	0.37	0.010	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2-Nitroaniline	0.028	U	0.37	0.028	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Acenaphthylene	0.073	J	0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2,6-Dinitrotoluene	0.027	U	0.075	0.027	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
3-Nitroaniline	0.088	U	0.37	0.088	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Acenaphthene	0.12	J	0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Dibenzofuran	0.091	J	0.37	0.012	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Fluorene	0.12	J	0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
N-Nitrosodiphenylamine	0.031	U	0.37	0.031	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Phenanthrene	1.8		0.37	0.0066	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Anthracene	0.36	J	0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Carbazole	0.18	J	0.37	0.014	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Fluoranthene	2.6		0.37	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Pyrene	2.2		0.37	0.0093	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Benzidine	0.078	U	0.37	0.078	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Benzo[a]anthracene	1.3		0.037	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Chrysene	1.2		0.37	0.0063	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1
Benzo[b]fluoranthene	1.6		0.037	0.0096	mg/Kg	✳	10/12/22 10:28	10/13/22 07:06	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Date Collected: 10/11/22 08:55

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.48		0.037	0.0073	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Benzo[a]pyrene	1.1		0.037	0.0099	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Indeno[1,2,3-cd]pyrene	0.86		0.037	0.015	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Dibenz(a,h)anthracene	0.19		0.037	0.016	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Benzo[g,h,i]perylene	0.64		0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
1,2-Diphenylhydrazine	0.015	U	0.37	0.015	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
1,1'-Biphenyl	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Benzaldehyde	0.062	U	0.37	0.062	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Caprolactam	0.058	U**	0.37	0.058	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Atrazine	0.022	U**	0.15	0.022	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/12/22 10:28	10/13/22 07:06	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Aldol condensation product	0.75	A J	mg/Kg	☼	3.07		10/12/22 10:28	10/13/22 07:06	1
Phenanthrene, 2-methyl-	0.34	J N	mg/Kg	☼	9.41	2531-84-2	10/12/22 10:28	10/13/22 07:06	1
Unknown	0.42	J	mg/Kg	☼	9.49		10/12/22 10:28	10/13/22 07:06	1
Perylene	0.80	J N	mg/Kg	☼	13.48	198-55-0	10/12/22 10:28	10/13/22 07:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	75		16 - 125	10/12/22 10:28	10/13/22 07:06	1
Phenol-d5 (Surr)	85		23 - 120	10/12/22 10:28	10/13/22 07:06	1
Terphenyl-d14 (Surr)	89		25 - 126	10/12/22 10:28	10/13/22 07:06	1
2,4,6-Tribromophenol (Surr)	104		10 - 123	10/12/22 10:28	10/13/22 07:06	1
2-Fluorophenol (Surr)	83		18 - 123	10/12/22 10:28	10/13/22 07:06	1
2-Fluorobiphenyl	86		22 - 122	10/12/22 10:28	10/13/22 07:06	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		10/14/22 09:48	10/15/22 03:01	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 03:01	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 03:01	1
2,4-Dinitrotoluene	0.0010	U**	0.010	0.0010	mg/L		10/14/22 09:48	10/15/22 03:01	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:01	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:01	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:48	10/15/22 03:01	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:48	10/15/22 03:01	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:48	10/15/22 03:01	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:01	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:48	10/15/22 03:01	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:48	10/15/22 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		37 - 150	10/14/22 09:48	10/15/22 03:01	1
2-Fluorobiphenyl	63		46 - 139	10/14/22 09:48	10/15/22 03:01	1
2-Fluorophenol (Surr)	39		19 - 80	10/14/22 09:48	10/15/22 03:01	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Date Collected: 10/11/22 08:55

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	59		52 - 137	10/14/22 09:48	10/15/22 03:01	1
Phenol-d5 (Surr)	28		10 - 56	10/14/22 09:48	10/15/22 03:01	1
Terphenyl-d14 (Surr)	51		22 - 150	10/14/22 09:48	10/15/22 03:01	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0045	J	0.0075	0.0013	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
4,4'-DDE	0.0039	J p	0.0075	0.00089	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
4,4'-DDT	0.019		0.0075	0.0014	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Aldrin	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
alpha-BHC	0.00076	U	0.0022	0.00076	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
beta-BHC	0.00084	U	0.0022	0.00084	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Chlordane (technical)	0.049	J p	0.075	0.018	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
delta-BHC	0.00046	U	0.0022	0.00046	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Dieldrin	0.00098	U	0.0022	0.00098	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Endosulfan I	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Endosulfan II	0.0019	U	0.0075	0.0019	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Endosulfan sulfate	0.00094	U	0.0075	0.00094	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Endrin	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Endrin aldehyde	0.0018	U	0.0075	0.0018	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Endrin ketone	0.0015	U	0.0075	0.0015	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
gamma-BHC (Lindane)	0.00070	U	0.0022	0.00070	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Heptachlor	0.00089	U	0.0075	0.00089	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Heptachlor epoxide	0.0011	U	0.0075	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Methoxychlor	0.0017	U	0.0075	0.0017	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1
Toxaphene	0.027	U	0.075	0.027	mg/Kg	✱	10/12/22 18:12	10/13/22 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	173	S1+	43 - 150	10/12/22 18:12	10/13/22 10:59	1
DCB Decachlorobiphenyl	122		43 - 150	10/12/22 18:12	10/13/22 10:59	1
Tetrachloro-m-xylene	123		26 - 137	10/12/22 18:12	10/13/22 10:59	1
Tetrachloro-m-xylene	107		26 - 137	10/12/22 18:12	10/13/22 10:59	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		10/14/22 13:02	10/17/22 06:28	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 06:28	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 06:28	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/14/22 13:02	10/17/22 06:28	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 06:28	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 06:28	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 06:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	120		15 - 121	10/14/22 13:02	10/17/22 06:28	1
DCB Decachlorobiphenyl	86		15 - 121	10/14/22 13:02	10/17/22 06:28	1
Tetrachloro-m-xylene	61		17 - 120	10/14/22 13:02	10/17/22 06:28	1
Tetrachloro-m-xylene	55		17 - 120	10/14/22 13:02	10/17/22 06:28	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Date Collected: 10/11/22 08:55

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.6

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	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor 1221	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor 1232	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor 1242	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor 1248	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor 1254	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor 1260	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor-1262	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Aroclor 1268	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1
Polychlorinated biphenyls, Total	0.020	U	0.075	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	137		10 - 150	10/12/22 17:58	10/13/22 15:04	1
DCB Decachlorobiphenyl	134		10 - 150	10/12/22 17:58	10/13/22 15:04	1
Tetrachloro-m-xylene	126		42 - 150	10/12/22 17:58	10/13/22 15:04	1
Tetrachloro-m-xylene	119		42 - 150	10/12/22 17:58	10/13/22 15:04	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	✳	10/12/22 10:43	10/13/22 12:11	1
Silvex (2,4,5-TP)	0.0039	U	0.037	0.0039	mg/Kg	✳	10/12/22 10:43	10/13/22 12:11	1
2,4,5-T	0.0080	U	0.037	0.0080	mg/Kg	✳	10/12/22 10:43	10/13/22 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	92		27 - 150	10/12/22 10:43	10/13/22 12:11	1
2,4-Dichlorophenylacetic acid	117		27 - 150	10/12/22 10:43	10/13/22 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/14/22 09:54	10/17/22 11:01	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 11:01	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 11:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	25		10 - 150	10/14/22 09:54	10/17/22 11:01	1
2,4-Dichlorophenylacetic acid	26		10 - 150	10/14/22 09:54	10/17/22 11:01	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	68	*1	16	16	mg/Kg	✳	10/13/22 10:42	10/13/22 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	49		40 - 140	10/13/22 10:42	10/13/22 21:14	1
1-Chlorooctadecane	56		40 - 140	10/13/22 10:42	10/13/22 21:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.71		0.34	0.075	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Aluminum	10800		17.0	4.7	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Arsenic	5.4		0.85	0.087	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Barium	54.8		1.7	0.12	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Date Collected: 10/11/22 08:55

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.43		0.34	0.048	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Calcium	3940		84.8	15.0	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Cadmium	0.18	J	0.85	0.096	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Cobalt	6.0		1.7	0.13	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Chromium	20.0		1.7	0.77	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Copper	25.4		1.7	0.31	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Iron	17400		50.9	17.1	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Potassium	1060		84.8	13.7	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Magnesium	2150		84.8	8.7	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Manganese	187		3.4	0.34	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Sodium	79.2	J	84.8	38.8	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Nickel	10.5		1.7	0.40	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Lead	73.4		0.51	0.17	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Antimony	0.63	J	0.85	0.12	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Selenium	0.18	J	1.1	0.11	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Thallium	0.10	J	0.34	0.035	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Vanadium	25.8		1.7	0.17	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	1
Zinc	74.6		6.8	2.6	mg/Kg	✳	10/13/22 20:10	10/14/22 17:53	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		10/14/22 16:28	10/17/22 12:46	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 12:46	10
Barium	0.51		0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 12:46	10
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 12:46	10
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 12:46	10
Lead	0.14		0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 12:46	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 12:46	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		10/14/22 14:34	10/14/22 15:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21		0.019	0.0089	mg/Kg	✳	10/13/22 00:14	10/13/22 04:17	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF			SU			10/18/22 13:39	1
Temperature (SW846 9045D)	21.3	HF			Degrees C			10/18/22 13:39	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/18/22 13:39	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.15	U	0.27	0.15	mg/L	✳	10/15/22 19:18	10/16/22 13:44	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			10/17/22 11:35	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U F1	20.0	20.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/14/22 14:45	1
Percent Moisture (EPA Moisture)	11.4		1.0	1.0	%			10/13/22 07:50	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-C

Lab Sample ID: 460-267298-2

Date Collected: 10/11/22 08:55

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.6

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.6		1.0	1.0	%			10/13/22 07:50	1
Total Volatile Solids (SM 2540G)	2.2		0.10	0.10	%			10/13/22 13:01	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	15.6				%			10/20/22 15:59	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 15:59	1
Sand	45.5				%			10/20/22 15:59	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 15:59	1
Coarse Sand	5.5				%			10/20/22 15:59	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 15:59	1
Medium Sand	16.4				%			10/20/22 15:59	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 15:59	1
Fine Sand	23.6				%			10/20/22 15:59	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 15:59	1
Fines	38.9				%			10/20/22 15:59	1
Sieve Size 0.375 inch - Percent Finer	89.6				% Passing			10/20/22 15:59	1
Sieve Size #4 - Percent Finer	84.4				% Passing			10/20/22 15:59	1
Sieve Size #10 - Percent Finer	78.9				% Passing			10/20/22 15:59	1
Sieve Size #20 - Percent Finer	72.4				% Passing			10/20/22 15:59	1
Sieve Size #40 - Percent Finer	62.5				% Passing			10/20/22 15:59	1
Sieve Size #60 - Percent Finer	51.6				% Passing			10/20/22 15:59	1
Sieve Size #80 - Percent Finer	47.8				% Passing			10/20/22 15:59	1
Sieve Size #100 - Percent Finer	44.6				% Passing			10/20/22 15:59	1
Sieve Size #200 - Percent Finer	38.9				% Passing			10/20/22 15:59	1

Client Sample ID: B-16-G

Lab Sample ID: 460-267298-3

Date Collected: 10/11/22 09:25

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00039	U	0.00089	0.00039	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Bromomethane	0.00089	U	0.0018	0.00089	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Vinyl chloride	0.00049	U	0.00089	0.00049	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Chloroethane	0.00047	U	0.00089	0.00047	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Methylene Chloride	0.0067		0.0018	0.0010	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Acetone	0.0051	U	0.0054	0.0051	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Carbon disulfide	0.00024	U**	0.00089	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Trichlorofluoromethane	0.00056	J	0.00089	0.00036	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
1,1-Dichloroethene	0.00020	U	0.00089	0.00020	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
1,1-Dichloroethane	0.00018	U	0.00089	0.00018	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
trans-1,2-Dichloroethene	0.00022	U	0.00089	0.00022	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
cis-1,2-Dichloroethene	0.00032	U	0.00089	0.00032	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Chloroform	0.00087	U	0.00089	0.00087	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
1,2-Dichloroethane	0.00026	U	0.00089	0.00026	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
2-Butanone (MEK)	0.00033	U	0.0045	0.00033	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
1,1,1-Trichloroethane	0.00021	U	0.00089	0.00021	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1
Carbon tetrachloride	0.00072	J	0.00089	0.00035	mg/Kg	✳	10/12/22 21:24	10/14/22 09:09	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-G

Lab Sample ID: 460-267298-3

Date Collected: 10/11/22 09:25

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.00023	U	0.00089	0.00023	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,2-Dichloropropane	0.00038	U	0.00089	0.00038	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
cis-1,3-Dichloropropene	0.00024	U	0.00089	0.00024	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Trichloroethene	0.00029	U	0.00089	0.00029	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Chlorodibromomethane	0.00017	U	0.00089	0.00017	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,1,2-Trichloroethane	0.00016	U	0.00089	0.00016	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Benzene	0.00023	U	0.00089	0.00023	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
trans-1,3-Dichloropropene	0.00024	U	0.00089	0.00024	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Bromoform	0.00038	U	0.00089	0.00038	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0045	0.0014	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
2-Hexanone	0.0015	U	0.0045	0.0015	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Tetrachloroethene	0.00042	J	0.00089	0.00027	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,1,2,2-Tetrachloroethane	0.00019	U	0.00089	0.00019	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Toluene	0.00021	U	0.00089	0.00021	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Chlorobenzene	0.00016	U	0.00089	0.00016	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Ethylbenzene	0.00018	U	0.00089	0.00018	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Styrene	0.00025	U	0.00089	0.00025	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
m-Xylene & p-Xylene	0.00016	U	0.00089	0.00016	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
o-Xylene	0.00017	U	0.00089	0.00017	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Acrolein	0.025	U	0.089	0.025	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00027	U	0.00089	0.00027	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
TBA	0.0070	U	0.0089	0.0070	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Acrylonitrile	0.0043	U	0.0089	0.0043	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Methyl tert-butyl ether	0.00046	U	0.00089	0.00046	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Cyclohexane	0.00020	U	0.00089	0.00020	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Ethylene Dibromide	0.00016	U	0.00089	0.00016	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,3-Dichlorobenzene	0.00033	U	0.00089	0.00033	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,4-Dichlorobenzene	0.00020	U	0.00089	0.00020	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,2-Dichlorobenzene	0.00032	U	0.00089	0.00032	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Dichlorodifluoromethane	0.00030	U	0.00089	0.00030	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,2,4-Trichlorobenzene	0.00032	U	0.00089	0.00032	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,4-Dioxane	0.0082	U *3	0.089	0.0082	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,2,3-Trichlorobenzene	0.00016	U	0.00089	0.00016	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
1,2-Dibromo-3-Chloropropane	0.00041	U	0.00089	0.00041	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Chlorobromomethane	0.00025	U	0.00089	0.00025	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Isopropylbenzene	0.00025	U	0.00089	0.00025	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Methyl acetate	0.0038	U *+	0.0045	0.0038	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1
Methylcyclohexane	0.00045	U	0.00089	0.00045	mg/Kg	☼	10/12/22 21:24	10/14/22 09:09	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.019	J	mg/Kg	☼	2.39		10/12/22 21:24	10/14/22 09:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		72 - 145	10/12/22 21:24	10/14/22 09:09	1
Toluene-d8 (Surr)	95		80 - 120	10/12/22 21:24	10/14/22 09:09	1
4-Bromofluorobenzene	102		75 - 139	10/12/22 21:24	10/14/22 09:09	1
Dibromofluoromethane (Surr)	111		73 - 139	10/12/22 21:24	10/14/22 09:09	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-G

Lab Sample ID: 460-267298-3

Date Collected: 10/11/22 09:25

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 89.3

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			10/16/22 14:44	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/16/22 14:44	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/16/22 14:44	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/16/22 14:44	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/16/22 14:44	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/16/22 14:44	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/16/22 14:44	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/16/22 14:44	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/16/22 14:44	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/16/22 14:44	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 128		10/16/22 14:44	10
4-Bromofluorobenzene	81		76 - 120		10/16/22 14:44	10
Dibromofluoromethane (Surr)	88		77 - 124		10/16/22 14:44	10
Toluene-d8 (Surr)	86		80 - 120		10/16/22 14:44	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.7		1.0	1.0	%			10/13/22 07:50	1
Percent Solids (EPA Moisture)	89.3		1.0	1.0	%			10/13/22 07:50	1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

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	☼	10/12/22 10:28	10/13/22 07:29	1
2-Chlorophenol	0.013	U	0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2-Methylphenol	0.013	U	0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4-Methylphenol	0.022	U	0.36	0.022	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2-Nitrophenol	0.036	U	0.36	0.036	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,4-Dimethylphenol	0.043	U	0.36	0.043	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,4-Dichlorophenol	0.023	U	0.14	0.023	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4-Chloro-3-methylphenol	0.020	U	0.36	0.020	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,4,6-Trichlorophenol	0.046	U	0.14	0.046	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,4,5-Trichlorophenol	0.037	U	0.36	0.037	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,4-Dinitrotoluene	0.039	U	0.073	0.039	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4-Nitrophenol	0.059	U	0.73	0.059	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4,6-Dinitro-2-methylphenol	0.15	U	0.29	0.15	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Pentachlorophenol	0.074	U	0.29	0.074	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
N-Nitrosodimethylamine	0.033	U	0.36	0.033	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Bis(2-chloroethyl)ether	0.013	U	0.036	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
N-Nitrosodi-n-propylamine	0.026	U	0.036	0.026	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Hexachloroethane	0.012	U	0.036	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Nitrobenzene	0.020	U	0.036	0.020	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Naphthalene	0.056	J	0.36	0.0062	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4-Chloroaniline	0.064	U	0.36	0.064	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.0076	U	0.073	0.0076	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2-Methylnaphthalene	0.040	J	0.36	0.010	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Hexachlorocyclopentadiene	0.032	U	0.36	0.032	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2-Chloronaphthalene	0.017	U	0.36	0.017	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2-Nitroaniline	0.027	U	0.36	0.027	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Dimethyl phthalate	0.082	U	0.36	0.082	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Acenaphthylene	0.097	J	0.36	0.010	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,6-Dinitrotoluene	0.026	U	0.073	0.026	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
3-Nitroaniline	0.085	U	0.36	0.085	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Acenaphthene	0.13	J	0.36	0.010	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Dibenzofuran	0.11	J	0.36	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,4-Dinitrophenol	0.18	U	0.29	0.18	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Diethyl phthalate	0.012	U	0.36	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4-Chlorophenyl phenyl ether	0.013	U	0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Fluorene	0.18	J	0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4-Nitroaniline	0.041	U	0.36	0.041	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
N-Nitrosodiphenylamine	0.030	U	0.36	0.030	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
4-Bromophenyl phenyl ether	0.014	U	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Hexachlorobenzene	0.017	U	0.036	0.017	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Phenanthrene	1.7		0.36	0.0063	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Anthracene	0.45		0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Carbazole	0.15	J	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Di-n-butyl phthalate	0.029	J	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Fluoranthene	2.0		0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Pyrene	1.8		0.36	0.0089	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Benzidine	0.075	U	0.36	0.075	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Butyl benzyl phthalate	0.017	U	0.36	0.017	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Benzo[a]anthracene	1.2		0.036	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Chrysene	1.0		0.36	0.0061	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.36	0.019	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Di-n-octyl phthalate	0.019	U	0.36	0.019	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Benzo[b]fluoranthene	1.3		0.036	0.0093	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Benzo[k]fluoranthene	0.42		0.036	0.0070	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Benzo[a]pyrene	0.95		0.036	0.0096	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Indeno[1,2,3-cd]pyrene	0.67		0.036	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Dibenz(a,h)anthracene	0.17		0.036	0.016	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Benzo[g,h,i]perylene	0.49		0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
1,2-Diphenylhydrazine	0.014	U	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
1,1'-Biphenyl	0.012	U	0.36	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Acetophenone	0.018	U	0.36	0.018	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Benzaldehyde	0.059	U	0.36	0.059	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Caprolactam	0.056	U *	0.36	0.056	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Atrazine	0.021	U *	0.14	0.021	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,2'-oxybis[1-chloropropane]	0.0065	U	0.36	0.0065	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
2,3,4,6-Tetrachlorophenol	0.024	U	0.36	0.024	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
3,3'-Dichlorobenzidine	0.054	U	0.14	0.054	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1
Bis(2-chloroethoxy)methane	0.028	U	0.36	0.028	mg/Kg	☼	10/12/22 10:28	10/13/22 07:29	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Aldol condensation product	0.74	A J	mg/Kg	☼	3.08		10/12/22 10:28	10/13/22 07:29	1
Phenanthrene, 2-methyl-	0.53	J N	mg/Kg	☼	9.41	2531-84-2	10/12/22 10:28	10/13/22 07:29	1
4H-Cyclopenta[def]phenanthrene	0.59	J N	mg/Kg	☼	9.49	203-64-5	10/12/22 10:28	10/13/22 07:29	1
11H-Benzo[b]fluorene	0.32	J N	mg/Kg	☼	10.62	243-17-4	10/12/22 10:28	10/13/22 07:29	1
Perylene	0.53	J N	mg/Kg	☼	13.48	198-55-0	10/12/22 10:28	10/13/22 07:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	72		16 - 125	10/12/22 10:28	10/13/22 07:29	1
Phenol-d5 (Surr)	77		23 - 120	10/12/22 10:28	10/13/22 07:29	1
Terphenyl-d14 (Surr)	87		25 - 126	10/12/22 10:28	10/13/22 07:29	1
2,4,6-Tribromophenol (Surr)	93		10 - 123	10/12/22 10:28	10/13/22 07:29	1
2-Fluorophenol (Surr)	74		18 - 123	10/12/22 10:28	10/13/22 07:29	1
2-Fluorobiphenyl	84		22 - 122	10/12/22 10:28	10/13/22 07:29	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		10/14/22 09:48	10/15/22 03:23	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 03:23	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 03:23	1
2,4-Dinitrotoluene	0.0010	U **	0.010	0.0010	mg/L		10/14/22 09:48	10/15/22 03:23	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:23	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:23	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:48	10/15/22 03:23	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:48	10/15/22 03:23	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:48	10/15/22 03:23	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:23	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:48	10/15/22 03:23	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:48	10/15/22 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	140		37 - 150	10/14/22 09:48	10/15/22 03:23	1
2-Fluorobiphenyl	106		46 - 139	10/14/22 09:48	10/15/22 03:23	1
2-Fluorophenol (Surr)	66		19 - 80	10/14/22 09:48	10/15/22 03:23	1
Nitrobenzene-d5 (Surr)	100		52 - 137	10/14/22 09:48	10/15/22 03:23	1
Phenol-d5 (Surr)	46		10 - 56	10/14/22 09:48	10/15/22 03:23	1
Terphenyl-d14 (Surr)	89		22 - 150	10/14/22 09:48	10/15/22 03:23	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	☼	10/12/22 18:12	10/13/22 11:15	1
4,4'-DDE	0.0021	J p	0.0073	0.00086	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
4,4'-DDT	0.016		0.0073	0.0013	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Aldrin	0.0011	U	0.0073	0.0011	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
alpha-BHC	0.00074	U	0.0022	0.00074	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
beta-BHC	0.00081	U	0.0022	0.00081	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Chlordane (technical)	0.055	J p	0.073	0.018	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
delta-BHC	0.00045	U	0.0022	0.00045	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Dieldrin	0.00094	U	0.0022	0.00094	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Endosulfan I	0.0011	U	0.0073	0.0011	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Endosulfan II	0.0019	U	0.0073	0.0019	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Endosulfan sulfate	0.00091	U	0.0073	0.00091	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0010	U	0.0073	0.0010	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Endrin aldehyde	0.0017	U	0.0073	0.0017	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Endrin ketone	0.0014	U	0.0073	0.0014	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
gamma-BHC (Lindane)	0.00067	U	0.0022	0.00067	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Heptachlor	0.00086	U	0.0073	0.00086	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Heptachlor epoxide	0.0011	U	0.0073	0.0011	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Methoxychlor	0.0017	U	0.0073	0.0017	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1
Toxaphene	0.026	U	0.073	0.026	mg/Kg	☼	10/12/22 18:12	10/13/22 11:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	191	S1+	43 - 150	10/12/22 18:12	10/13/22 11:15	1
DCB Decachlorobiphenyl	131		43 - 150	10/12/22 18:12	10/13/22 11:15	1
Tetrachloro-m-xylene	131		26 - 137	10/12/22 18:12	10/13/22 11:15	1
Tetrachloro-m-xylene	116		26 - 137	10/12/22 18:12	10/13/22 11:15	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		10/14/22 13:02	10/17/22 06:44	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 06:44	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 06:44	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/14/22 13:02	10/17/22 06:44	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 06:44	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 06:44	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 06:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122	S1+	15 - 121	10/14/22 13:02	10/17/22 06:44	1
DCB Decachlorobiphenyl	89		15 - 121	10/14/22 13:02	10/17/22 06:44	1
Tetrachloro-m-xylene	53		17 - 120	10/14/22 13:02	10/17/22 06:44	1
Tetrachloro-m-xylene	48		17 - 120	10/14/22 13:02	10/17/22 06:44	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	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor 1221	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor 1232	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor 1242	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor 1248	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor 1254	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor 1260	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor-1262	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Aroclor 1268	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1
Polychlorinated biphenyls, Total	0.019	U	0.073	0.019	mg/Kg	☼	10/12/22 17:58	10/13/22 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	147		10 - 150	10/12/22 17:58	10/13/22 15:21	1
DCB Decachlorobiphenyl	144		10 - 150	10/12/22 17:58	10/13/22 15:21	1
Tetrachloro-m-xylene	134		42 - 150	10/12/22 17:58	10/13/22 15:21	1
Tetrachloro-m-xylene	127		42 - 150	10/12/22 17:58	10/13/22 15:21	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

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	☼	10/12/22 10:43	10/13/22 12:25	1
Silvex (2,4,5-TP)	0.0038	U	0.036	0.0038	mg/Kg	☼	10/12/22 10:43	10/13/22 12:25	1
2,4,5-T	0.0077	U	0.036	0.0077	mg/Kg	☼	10/12/22 10:43	10/13/22 12:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	93		27 - 150				10/12/22 10:43	10/13/22 12:25	1
2,4-Dichlorophenylacetic acid	103		27 - 150				10/12/22 10:43	10/13/22 12:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/14/22 09:54	10/17/22 11:14	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 11:14	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 11:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	28		10 - 150				10/14/22 09:54	10/17/22 11:14	1
2,4-Dichlorophenylacetic acid	28		10 - 150				10/14/22 09:54	10/17/22 11:14	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	83	*1	15	15	mg/Kg	☼	10/13/22 10:42	10/13/22 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	59		40 - 140				10/13/22 10:42	10/13/22 21:32	1
1-Chlorooctadecane	68		40 - 140				10/13/22 10:42	10/13/22 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.089	J	0.33	0.074	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Aluminum	11400		16.7	4.6	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Arsenic	6.2		0.84	0.086	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Barium	67.9		1.7	0.12	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Beryllium	0.50		0.33	0.048	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Calcium	11400		83.6	14.8	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Cadmium	0.22	J	0.84	0.094	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Cobalt	6.4		1.7	0.12	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Chromium	22.3		1.7	0.76	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Copper	28.1		1.7	0.31	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Iron	18000		50.2	16.9	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Potassium	1290		83.6	13.5	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Magnesium	3110		83.6	8.5	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Manganese	230		3.3	0.34	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Sodium	87.8		83.6	38.2	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Nickel	12.8		1.7	0.39	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Lead	128		0.50	0.17	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Antimony	1.0		0.84	0.12	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Selenium	0.26	J	1.0	0.11	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Thallium	0.12	J	0.33	0.034	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Vanadium	28.7		1.7	0.17	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1
Zinc	84.3		6.7	2.5	mg/Kg	☼	10/13/22 20:10	10/14/22 17:56	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

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		10/14/22 16:28	10/17/22 12:49	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 12:49	10
Barium	0.47		0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 12:49	10
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 12:49	10
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 12:49	10
Lead	0.13		0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 12:49	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 12:49	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		10/14/22 14:34	10/14/22 15:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.34		0.017	0.0078	mg/Kg	☆	10/13/22 00:14	10/13/22 04:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF	NONE	NONE	SU			10/18/22 13:44	1
Temperature (SW846 9045D)	21.1	HF			Degrees C			10/18/22 13:44	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/18/22 13:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.13	U	0.24	0.13	mg/L	☆	10/15/22 19:18	10/16/22 13:45	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			10/17/22 11:35	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/14/22 14:50	1
Percent Moisture (EPA Moisture)	8.0		1.0	1.0	%			10/13/22 07:50	1
Percent Solids (EPA Moisture)	92.0		1.0	1.0	%			10/13/22 07:50	1
Total Volatile Solids (SM 2540G)	2.6		0.10	0.10	%			10/13/22 13:01	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	9.1				%			10/20/22 16:01	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:01	1
Sand	43.4				%			10/20/22 16:01	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:01	1
Coarse Sand	6.0				%			10/20/22 16:01	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:01	1
Medium Sand	13.3				%			10/20/22 16:01	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:01	1
Fine Sand	24.1				%			10/20/22 16:01	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:01	1
Fines	47.5				%			10/20/22 16:01	1
Sieve Size 0.375 inch - Percent Finer	96.1				% Passing			10/20/22 16:01	1
Sieve Size #4 - Percent Finer	90.9				% Passing			10/20/22 16:01	1
Sieve Size #10 - Percent Finer	84.9				% Passing			10/20/22 16:01	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Sieve Size #20 - Percent Finer	79.5				% Passing			10/20/22 16:01	1
Sieve Size #40 - Percent Finer	71.6				% Passing			10/20/22 16:01	1
Sieve Size #60 - Percent Finer	62.0				% Passing			10/20/22 16:01	1
Sieve Size #80 - Percent Finer	57.4				% Passing			10/20/22 16:01	1
Sieve Size #100 - Percent Finer	55.0				% Passing			10/20/22 16:01	1
Sieve Size #200 - Percent Finer	47.5				% Passing			10/20/22 16:01	1

Client Sample ID: B-15-G

Lab Sample ID: 460-267298-5

Date Collected: 10/11/22 10:05

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00040	U	0.00092	0.00040	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Bromomethane	0.00092	U	0.0018	0.00092	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Vinyl chloride	0.00050	U	0.00092	0.00050	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Chloroethane	0.00048	U	0.00092	0.00048	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Methylene Chloride	0.011		0.0018	0.0010	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Acetone	0.015		0.0055	0.0052	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Carbon disulfide	0.0013		0.00092	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Trichlorofluoromethane	0.00037	U	0.00092	0.00037	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
1,1-Dichloroethene	0.00021	U	0.00092	0.00021	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
1,1-Dichloroethane	0.00019	U	0.00092	0.00019	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
trans-1,2-Dichloroethene	0.00023	U	0.00092	0.00023	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
cis-1,2-Dichloroethene	0.00033	U	0.00092	0.00033	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Chloroform	0.00089	U	0.00092	0.00089	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
1,2-Dichloroethane	0.00027	U	0.00092	0.00027	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
2-Butanone (MEK)	0.00034	U	0.0046	0.00034	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
1,1,1-Trichloroethane	0.00021	U	0.00092	0.00021	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Carbon tetrachloride	0.00035	U	0.00092	0.00035	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Dichlorobromomethane	0.00024	U	0.00092	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
1,2-Dichloropropane	0.00039	U	0.00092	0.00039	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
cis-1,3-Dichloropropene	0.00025	U	0.00092	0.00025	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Trichloroethene	0.00039	J	0.00092	0.00029	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Chlorodibromomethane	0.00018	U *	0.00092	0.00018	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
1,1,2-Trichloroethane	0.00016	U	0.00092	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Benzene	0.00024	U	0.00092	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
trans-1,3-Dichloropropene	0.00024	U	0.00092	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Bromoform	0.00039	U	0.00092	0.00039	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0046	0.0014	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
2-Hexanone	0.0016	U *	0.0046	0.0016	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Tetrachloroethene	0.0028		0.00092	0.00028	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
1,1,2,2-Tetrachloroethane	0.00020	U	0.00092	0.00020	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Toluene	0.00021	U	0.00092	0.00021	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Chlorobenzene	0.00016	U	0.00092	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Ethylbenzene	0.00018	U	0.00092	0.00018	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Styrene	0.00025	U	0.00092	0.00025	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
m-Xylene & p-Xylene	0.00028	J	0.00092	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
o-Xylene	0.00019	J	0.00092	0.00018	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1
Acrolein	0.026	U	0.092	0.026	mg/Kg	✳	10/12/22 21:24	10/14/22 01:40	1

Eurolins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-G

Lab Sample ID: 460-267298-5

Date Collected: 10/11/22 10:05

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 87.1

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	0.00028	U	0.00092	0.00028	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
TBA	0.0072	U	0.0092	0.0072	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Acrylonitrile	0.0045	U	0.0092	0.0045	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Methyl tert-butyl ether	0.00047	U	0.00092	0.00047	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Cyclohexane	0.00020	U	0.00092	0.00020	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Ethylene Dibromide	0.00017	U	0.00092	0.00017	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
1,3-Dichlorobenzene	0.00033	U	0.00092	0.00033	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
1,4-Dichlorobenzene	0.00021	U	0.00092	0.00021	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
1,2-Dichlorobenzene	0.00033	U	0.00092	0.00033	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Dichlorodifluoromethane	0.00031	U	0.00092	0.00031	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
1,2,4-Trichlorobenzene	0.00033	U	0.00092	0.00033	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
1,4-Dioxane	0.0084	U	0.092	0.0084	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
1,2,3-Trichlorobenzene	0.00017	U	0.00092	0.00017	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
1,2-Dibromo-3-Chloropropane	0.00042	U	0.00092	0.00042	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Chlorobromomethane	0.00026	U	0.00092	0.00026	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Isopropylbenzene	0.00026	U	0.00092	0.00026	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Methyl acetate	0.0039	U	0.0046	0.0039	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1
Methylcyclohexane	0.00052	J	0.00092	0.00046	mg/Kg	☼	10/12/22 21:24	10/14/22 01:40	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.0075	J	mg/Kg	☼	1.96		10/12/22 21:24	10/14/22 01:40	1
1R-.alpha.-Pinene	0.016	J N	mg/Kg	☼	9.75	7785-70-8	10/12/22 21:24	10/14/22 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		72 - 145	10/12/22 21:24	10/14/22 01:40	1
Toluene-d8 (Surr)	96		80 - 120	10/12/22 21:24	10/14/22 01:40	1
4-Bromofluorobenzene	98		75 - 139	10/12/22 21:24	10/14/22 01:40	1
Dibromofluoromethane (Surr)	110		73 - 139	10/12/22 21:24	10/14/22 01:40	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			10/16/22 15:09	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/16/22 15:09	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/16/22 15:09	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/16/22 15:09	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/16/22 15:09	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/16/22 15:09	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/16/22 15:09	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/16/22 15:09	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/16/22 15:09	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/16/22 15:09	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 128		10/16/22 15:09	10
4-Bromofluorobenzene	95		76 - 120		10/16/22 15:09	10
Dibromofluoromethane (Surr)	106		77 - 124		10/16/22 15:09	10
Toluene-d8 (Surr)	103		80 - 120		10/16/22 15:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.9		1.0	1.0	%			10/13/22 07:50	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-G

Date Collected: 10/11/22 10:05

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-5

Matrix: Solid

Percent Solids: 87.1

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.1		1.0	1.0	%			10/13/22 07:50	1

Client Sample ID: B-15-C

Date Collected: 10/11/22 10:50

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-6

Matrix: Solid

Percent Solids: 91.0

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	☼	10/12/22 10:28	10/14/22 03:11	1
2-Chlorophenol	0.013	U	0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2-Methylphenol	0.014	U	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4-Methylphenol	0.023	U	0.36	0.023	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2-Nitrophenol	0.036	U	0.36	0.036	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,4-Dimethylphenol	0.043	U	0.36	0.043	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,4-Dichlorophenol	0.023	U	0.15	0.023	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4-Chloro-3-methylphenol	0.020	U	0.36	0.020	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,4,6-Trichlorophenol	0.047	U	0.15	0.047	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,4,5-Trichlorophenol	0.037	U	0.36	0.037	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,4-Dinitrotoluene	0.039	U	0.074	0.039	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4-Nitrophenol	0.059	U	0.74	0.059	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4,6-Dinitro-2-methylphenol	0.15	U	0.29	0.15	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Pentachlorophenol	0.074	U	0.29	0.074	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
N-Nitrosodimethylamine	0.034	U	0.36	0.034	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Bis(2-chloroethyl)ether	0.013	U	0.036	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
N-Nitrosodi-n-propylamine	0.026	U	0.036	0.026	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Hexachloroethane	0.012	U	0.036	0.012	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Nitrobenzene	0.020	U	0.036	0.020	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Naphthalene	0.14	J	0.36	0.0063	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4-Chloroaniline	0.064	U	0.36	0.064	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Hexachlorobutadiene	0.0077	U	0.074	0.0077	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2-Methylnaphthalene	0.084	J	0.36	0.010	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Hexachlorocyclopentadiene	0.032	U	0.36	0.032	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2-Chloronaphthalene	0.017	U	0.36	0.017	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2-Nitroaniline	0.028	U	0.36	0.028	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Dimethyl phthalate	0.083	U	0.36	0.083	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Acenaphthylene	0.083	J	0.36	0.010	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,6-Dinitrotoluene	0.026	U	0.074	0.026	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
3-Nitroaniline	0.086	U	0.36	0.086	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Acenaphthene	0.21	J	0.36	0.010	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Dibenzofuran	0.18	J	0.36	0.012	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,4-Dinitrophenol	0.18	U	0.29	0.18	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Diethyl phthalate	0.012	U	0.36	0.012	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4-Chlorophenyl phenyl ether	0.013	U	0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Fluorene	0.22	J	0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4-Nitroaniline	0.042	U	0.36	0.042	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
N-Nitrosodiphenylamine	0.030	U	0.36	0.030	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
4-Bromophenyl phenyl ether	0.014	U	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Hexachlorobenzene	0.017	U	0.036	0.017	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Phenanthrene	2.5		0.36	0.0064	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Date Collected: 10/11/22 10:50

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	1.3		0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Carbazole	0.30	J	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Di-n-butyl phthalate	0.014	U	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Fluoranthene	2.9		0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Pyrene	3.2		0.36	0.0090	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Benzidine	0.076	U	0.36	0.076	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Butyl benzyl phthalate	0.017	U	0.36	0.017	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Benzo[a]anthracene	1.8		0.036	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Chrysene	1.5		0.36	0.0061	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.36	0.019	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Di-n-octyl phthalate	0.019	U	0.36	0.019	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Benzo[b]fluoranthene	2.1		0.036	0.0094	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Benzo[k]fluoranthene	0.64		0.036	0.0071	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Benzo[a]pyrene	1.4		0.036	0.0097	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Indeno[1,2,3-cd]pyrene	1.2		0.036	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Dibenz(a,h)anthracene	0.26		0.036	0.016	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Benzo[g,h,i]perylene	0.92		0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
1,2-Diphenylhydrazine	0.014	U	0.36	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
1,1'-Biphenyl	0.025	J	0.36	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Acetophenone	0.018	U	0.36	0.018	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Benzaldehyde	0.060	U	0.36	0.060	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Caprolactam	0.057	U **	0.36	0.057	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Atrazine	0.021	U **	0.15	0.021	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,2'-oxybis[1-chloropropane]	0.0066	U	0.36	0.0066	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.36	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.36	0.025	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
3,3'-Dichlorobenzidine	0.055	U	0.15	0.055	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1
Bis(2-chloroethoxy)methane	0.028	U	0.36	0.028	mg/Kg	☼	10/12/22 10:28	10/14/22 03:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Aldol condensation product	0.75	A J	mg/Kg	☼	3.08		10/12/22 10:28	10/14/22 03:11	1
Phenanthrene, 2-methyl-	0.33	J N	mg/Kg	☼	9.37	2531-84-2	10/12/22 10:28	10/14/22 03:11	1
Unknown	0.55	J	mg/Kg	☼	9.40		10/12/22 10:28	10/14/22 03:11	1
Anthracene, 1-methyl-	0.75	J N	mg/Kg	☼	9.48	610-48-0	10/12/22 10:28	10/14/22 03:11	1
Pyrene, 2-methyl-	0.42	J N	mg/Kg	☼	10.60	3442-78-2	10/12/22 10:28	10/14/22 03:11	1
Benzo[e]pyrene	0.35	J N	mg/Kg	☼	13.21	192-97-2	10/12/22 10:28	10/14/22 03:11	1
Perylene	0.96	J N	mg/Kg	☼	13.46	198-55-0	10/12/22 10:28	10/14/22 03:11	1
Unknown	0.40	J	mg/Kg	☼	15.00		10/12/22 10:28	10/14/22 03:11	1
Dibenzo[def,mno]chrysene	0.39	J N	mg/Kg	☼	15.18	191-26-4	10/12/22 10:28	10/14/22 03:11	1
Unknown	0.36	J	mg/Kg	☼	15.66		10/12/22 10:28	10/14/22 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	68		16 - 125	10/12/22 10:28	10/14/22 03:11	1
Phenol-d5 (Surr)	67		23 - 120	10/12/22 10:28	10/14/22 03:11	1
Terphenyl-d14 (Surr)	94		25 - 126	10/12/22 10:28	10/14/22 03:11	1
2,4,6-Tribromophenol (Surr)	82		10 - 123	10/12/22 10:28	10/14/22 03:11	1
2-Fluorophenol (Surr)	67		18 - 123	10/12/22 10:28	10/14/22 03:11	1
2-Fluorobiphenyl	81		22 - 122	10/12/22 10:28	10/14/22 03:11	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Date Collected: 10/11/22 10:50

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 91.0

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		10/14/22 09:48	10/15/22 03:44	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 03:44	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 03:44	1
2,4-Dinitrotoluene	0.0010	U **	0.010	0.0010	mg/L		10/14/22 09:48	10/15/22 03:44	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:44	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:44	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:48	10/15/22 03:44	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:48	10/15/22 03:44	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:48	10/15/22 03:44	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:48	10/15/22 03:44	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:48	10/15/22 03:44	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:48	10/15/22 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	136		37 - 150				10/14/22 09:48	10/15/22 03:44	1
2-Fluorobiphenyl	105		46 - 139				10/14/22 09:48	10/15/22 03:44	1
2-Fluorophenol (Surr)	49		19 - 80				10/14/22 09:48	10/15/22 03:44	1
Nitrobenzene-d5 (Surr)	99		52 - 137				10/14/22 09:48	10/15/22 03:44	1
Phenol-d5 (Surr)	33		10 - 56				10/14/22 09:48	10/15/22 03:44	1
Terphenyl-d14 (Surr)	73		22 - 150				10/14/22 09:48	10/15/22 03:44	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0039	J p	0.0073	0.0013	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
4,4'-DDE	0.0095		0.0073	0.00087	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
4,4'-DDT	0.025		0.0073	0.0013	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Aldrin	0.0011	U	0.0073	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
alpha-BHC	0.00075	U	0.0022	0.00075	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
beta-BHC	0.00082	U	0.0022	0.00082	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Chlordane (technical)	0.11		0.073	0.018	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
delta-BHC	0.00045	U	0.0022	0.00045	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Dieldrin	0.00095	U	0.0022	0.00095	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Endosulfan I	0.0011	U	0.0073	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Endosulfan II	0.0019	U	0.0073	0.0019	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Endosulfan sulfate	0.00092	U	0.0073	0.00092	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Endrin	0.0011	U	0.0073	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Endrin aldehyde	0.0017	U	0.0073	0.0017	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Endrin ketone	0.0014	U	0.0073	0.0014	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
gamma-BHC (Lindane)	0.00068	U	0.0022	0.00068	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Heptachlor	0.00087	U	0.0073	0.00087	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Heptachlor epoxide	0.0011	U	0.0073	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Methoxychlor	0.0017	U	0.0073	0.0017	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Toxaphene	0.027	U	0.073	0.027	mg/Kg	✱	10/12/22 18:12	10/13/22 11:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	182	S1+	43 - 150				10/12/22 18:12	10/13/22 11:31	1
DCB Decachlorobiphenyl	126		43 - 150				10/12/22 18:12	10/13/22 11:31	1
Tetrachloro-m-xylene	126		26 - 137				10/12/22 18:12	10/13/22 11:31	1
Tetrachloro-m-xylene	109		26 - 137				10/12/22 18:12	10/13/22 11:31	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Date Collected: 10/11/22 10:50

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 91.0

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		10/14/22 13:02	10/17/22 07:00	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 07:00	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 07:00	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/14/22 13:02	10/17/22 07:00	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 07:00	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 07:00	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 07:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	124	S1+	15 - 121	10/14/22 13:02	10/17/22 07:00	1
DCB Decachlorobiphenyl	89		15 - 121	10/14/22 13:02	10/17/22 07:00	1
Tetrachloro-m-xylene	56		17 - 120	10/14/22 13:02	10/17/22 07:00	1
Tetrachloro-m-xylene	52		17 - 120	10/14/22 13:02	10/17/22 07:00	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	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor 1221	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor 1232	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor 1242	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor 1248	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor 1254	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor 1260	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor-1262	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Aroclor 1268	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1
Polychlorinated biphenyls, Total	0.020	U	0.073	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	144		10 - 150	10/12/22 17:58	10/13/22 15:37	1
DCB Decachlorobiphenyl	140		10 - 150	10/12/22 17:58	10/13/22 15:37	1
Tetrachloro-m-xylene	133		42 - 150	10/12/22 17:58	10/13/22 15:37	1
Tetrachloro-m-xylene	124		42 - 150	10/12/22 17:58	10/13/22 15:37	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	✳	10/12/22 10:43	10/13/22 12:38	1
Silvex (2,4,5-TP)	0.0038	U	0.037	0.0038	mg/Kg	✳	10/12/22 10:43	10/13/22 12:38	1
2,4,5-T	0.0078	U	0.037	0.0078	mg/Kg	✳	10/12/22 10:43	10/13/22 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	94		27 - 150	10/12/22 10:43	10/13/22 12:38	1
2,4-Dichlorophenylacetic acid	98		27 - 150	10/12/22 10:43	10/13/22 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/14/22 09:54	10/17/22 11:28	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 11:28	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 11:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	30		10 - 150	10/14/22 09:54	10/17/22 11:28	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Date Collected: 10/11/22 10:50

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 91.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	30		10 - 150	10/14/22 09:54	10/17/22 11:28	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	200	*1	15	15	mg/Kg	☆	10/13/22 10:42	10/13/22 21:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	63		40 - 140	10/13/22 10:42	10/13/22 21:50	1
1-Chlorooctadecane	56		40 - 140	10/13/22 10:42	10/13/22 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.14	J	0.33	0.072	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Aluminum	11300		16.3	4.5	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Arsenic	5.9		0.81	0.084	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Barium	79.7		1.6	0.12	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Beryllium	0.48		0.33	0.046	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Calcium	6680		81.4	14.4	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Cadmium	0.27	J	0.81	0.092	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Cobalt	7.8		1.6	0.12	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Chromium	22.3		1.6	0.74	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Copper	47.2		1.6	0.30	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Iron	18900		48.9	16.5	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Potassium	1560		81.4	13.2	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Magnesium	3000		81.4	8.3	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Manganese	239		3.3	0.33	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Sodium	90.6		81.4	37.2	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Nickel	12.6		1.6	0.38	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Lead	1100		0.49	0.16	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Antimony	1.0		0.81	0.12	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Selenium	0.29	J	1.0	0.10	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Thallium	0.13	J	0.33	0.033	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Vanadium	28.9		1.6	0.17	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	1
Zinc	117		6.5	2.5	mg/Kg	☆	10/13/22 20:10	10/14/22 17:58	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		10/14/22 16:28	10/17/22 12:56	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 12:56	10
Barium	0.59		0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 12:56	10
Cadmium	0.0054	J	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 12:56	10
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 12:56	10
Lead	0.22		0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 12:56	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 12:56	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		10/14/22 14:34	10/14/22 15:48	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Date Collected: 10/11/22 10:50

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 91.0

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.39		0.018	0.0087	mg/Kg	☼	10/13/22 00:14	10/13/22 04:24	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4	HF			SU			10/18/22 13:45	1
Temperature (SW846 9045D)	21.4	HF			Degrees C			10/18/22 13:45	1
Corrosivity (SW846 9045D)	8.4	HF			SU			10/18/22 13:45	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.14	U	0.26	0.14	mg/L	☼	10/15/22 19:18	10/16/22 13:46	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			10/17/22 11:35	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/14/22 14:55	1
Percent Moisture (EPA Moisture)	9.0		1.0	1.0	%			10/13/22 07:50	1
Percent Solids (EPA Moisture)	91.0		1.0	1.0	%			10/13/22 07:50	1
Total Volatile Solids (SM 2540G)	3.3		0.10	0.10	%			10/13/22 13:01	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	7.0				%			10/20/22 16:02	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:02	1
Sand	52.5				%			10/20/22 16:02	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:02	1
Coarse Sand	6.9				%			10/20/22 16:02	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:02	1
Medium Sand	18.5				%			10/20/22 16:02	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:02	1
Fine Sand	27.1				%			10/20/22 16:02	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:02	1
Fines	40.5				%			10/20/22 16:02	1
Sieve Size 0.375 inch - Percent Finer	99.4				% Passing			10/20/22 16:02	1
Sieve Size #4 - Percent Finer	93.0				% Passing			10/20/22 16:02	1
Sieve Size #10 - Percent Finer	86.1				% Passing			10/20/22 16:02	1
Sieve Size #20 - Percent Finer	78.5				% Passing			10/20/22 16:02	1
Sieve Size #40 - Percent Finer	67.6				% Passing			10/20/22 16:02	1
Sieve Size #60 - Percent Finer	55.9				% Passing			10/20/22 16:02	1
Sieve Size #80 - Percent Finer	51.5				% Passing			10/20/22 16:02	1
Sieve Size #100 - Percent Finer	47.6				% Passing			10/20/22 16:02	1
Sieve Size #200 - Percent Finer	40.5				% Passing			10/20/22 16:02	1

Client Sample ID: B-14-G

Lab Sample ID: 460-267298-7

Date Collected: 10/11/22 11:25

Matrix: Solid

Date Received: 10/11/22 20:00

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	0.00089	0.00039	mg/Kg	☼	10/12/22 21:24	10/14/22 02:02	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-G

Lab Sample ID: 460-267298-7

Date Collected: 10/11/22 11:25

Matrix: Solid

Date Received: 10/11/22 20:00

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
Bromomethane	0.00089	U	0.0018	0.00089	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Vinyl chloride	0.00049	U	0.00089	0.00049	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Chloroethane	0.00047	U	0.00089	0.00047	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Methylene Chloride	0.0010	U	0.0018	0.0010	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Acetone	0.059		0.0054	0.0051	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Carbon disulfide	0.0014		0.00089	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Trichlorofluoromethane	0.00036	U	0.00089	0.00036	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,1-Dichloroethene	0.00020	U	0.00089	0.00020	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,1-Dichloroethane	0.00018	U	0.00089	0.00018	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
trans-1,2-Dichloroethene	0.00022	U	0.00089	0.00022	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
cis-1,2-Dichloroethene	0.00032	U	0.00089	0.00032	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Chloroform	0.00087	U	0.00089	0.00087	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,2-Dichloroethane	0.00026	U	0.00089	0.00026	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
2-Butanone (MEK)	0.00033	U	0.0045	0.00033	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,1,1-Trichloroethane	0.00021	U	0.00089	0.00021	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Carbon tetrachloride	0.00035	U	0.00089	0.00035	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Dichlorobromomethane	0.00023	U	0.00089	0.00023	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,2-Dichloropropane	0.00038	U	0.00089	0.00038	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
cis-1,3-Dichloropropene	0.00024	U	0.00089	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Trichloroethene	0.00029	U	0.00089	0.00029	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Chlorodibromomethane	0.00017	U **	0.00089	0.00017	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,1,2-Trichloroethane	0.00016	U	0.00089	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Benzene	0.00023	U	0.00089	0.00023	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
trans-1,3-Dichloropropene	0.00024	U	0.00089	0.00024	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Bromoform	0.00038	U	0.00089	0.00038	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0045	0.0014	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
2-Hexanone	0.0015	U **	0.0045	0.0015	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Tetrachloroethene	0.00027	U	0.00089	0.00027	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,1,2,2-Tetrachloroethane	0.00019	U	0.00089	0.00019	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Toluene	0.00021	U	0.00089	0.00021	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Chlorobenzene	0.00016	U	0.00089	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Ethylbenzene	0.00018	U	0.00089	0.00018	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Styrene	0.00025	U	0.00089	0.00025	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
m-Xylene & p-Xylene	0.00016	U	0.00089	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
o-Xylene	0.00017	U	0.00089	0.00017	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Acrolein	0.025	U	0.089	0.025	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00027	U	0.00089	0.00027	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
TBA	0.0070	U	0.0089	0.0070	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Acrylonitrile	0.0043	U	0.0089	0.0043	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Methyl tert-butyl ether	0.00046	U	0.00089	0.00046	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Cyclohexane	0.00020	U	0.00089	0.00020	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Ethylene Dibromide	0.00016	U	0.00089	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,3-Dichlorobenzene	0.00033	U	0.00089	0.00033	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,4-Dichlorobenzene	0.00020	U	0.00089	0.00020	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,2-Dichlorobenzene	0.00032	U	0.00089	0.00032	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
Dichlorodifluoromethane	0.00030	U	0.00089	0.00030	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,2,4-Trichlorobenzene	0.00032	U	0.00089	0.00032	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,4-Dioxane	0.0082	U	0.089	0.0082	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1
1,2,3-Trichlorobenzene	0.00016	U	0.00089	0.00016	mg/Kg	✳	10/12/22 21:24	10/14/22 02:02	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-G

Lab Sample ID: 460-267298-7

Date Collected: 10/11/22 11:25

Matrix: Solid

Date Received: 10/11/22 20:00

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
1,2-Dibromo-3-Chloropropane	0.00041	U	0.00089	0.00041	mg/Kg	☼	10/12/22 21:24	10/14/22 02:02	1
Chlorobromomethane	0.00025	U	0.00089	0.00025	mg/Kg	☼	10/12/22 21:24	10/14/22 02:02	1
Isopropylbenzene	0.00025	U	0.00089	0.00025	mg/Kg	☼	10/12/22 21:24	10/14/22 02:02	1
Methyl acetate	0.0038	U	0.0045	0.0038	mg/Kg	☼	10/12/22 21:24	10/14/22 02:02	1
Methylcyclohexane	0.00045	U	0.00089	0.00045	mg/Kg	☼	10/12/22 21:24	10/14/22 02:02	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.013	J	mg/Kg	☼	3.46		10/12/22 21:24	10/14/22 02:02	1
Unknown	0.016	J	mg/Kg	☼	10.72		10/12/22 21:24	10/14/22 02:02	1
Unknown	0.016	J	mg/Kg	☼	10.93		10/12/22 21:24	10/14/22 02:02	1
Naphthalene, decahydro-, trans-	0.065	J N	mg/Kg	☼	11.31	493-02-7	10/12/22 21:24	10/14/22 02:02	1
Unknown	0.070	J	mg/Kg	☼	11.47		10/12/22 21:24	10/14/22 02:02	1
Unknown	0.018	J	mg/Kg	☼	11.59		10/12/22 21:24	10/14/22 02:02	1
Unknown	0.018	J	mg/Kg	☼	11.76		10/12/22 21:24	10/14/22 02:02	1
trans-Decalin, 2-methyl-	0.026	J N	mg/Kg	☼	11.84	1000152-47-3	10/12/22 21:24	10/14/22 02:02	1
Cyclohexane, pentyl-	0.017	J N	mg/Kg	☼	11.92	4292-92-6	10/12/22 21:24	10/14/22 02:02	1
Naphthalene, decahydro-2-methyl-	0.017	J N	mg/Kg	☼	12.00	2958-76-1	10/12/22 21:24	10/14/22 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		72 - 145	10/12/22 21:24	10/14/22 02:02	1
Toluene-d8 (Surr)	95		80 - 120	10/12/22 21:24	10/14/22 02:02	1
4-Bromofluorobenzene	98		75 - 139	10/12/22 21:24	10/14/22 02:02	1
Dibromofluoromethane (Surr)	113		73 - 139	10/12/22 21:24	10/14/22 02:02	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			10/16/22 15:34	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/16/22 15:34	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/16/22 15:34	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/16/22 15:34	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/16/22 15:34	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/16/22 15:34	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/16/22 15:34	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/16/22 15:34	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/16/22 15:34	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/16/22 15:34	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 128		10/16/22 15:34	10
4-Bromofluorobenzene	96		76 - 120		10/16/22 15:34	10
Dibromofluoromethane (Surr)	106		77 - 124		10/16/22 15:34	10
Toluene-d8 (Surr)	102		80 - 120		10/16/22 15:34	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.3		1.0	1.0	%			10/14/22 16:21	1
Percent Solids (EPA Moisture)	86.7		1.0	1.0	%			10/14/22 16:21	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.4

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	✳	10/12/22 10:28	10/13/22 07:51	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2-Nitrophenol	0.037	U	0.37	0.037	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2,4-Dimethylphenol	0.045	U	0.37	0.045	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2,4-Dinitrotoluene	0.040	U	0.076	0.040	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4-Nitrophenol	0.061	U	0.76	0.061	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Pentachlorophenol	0.077	U	0.30	0.077	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
N-Nitrosodimethylamine	0.035	U	0.37	0.035	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Nitrobenzene	0.021	U	0.037	0.021	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Naphthalene	0.11	J	0.37	0.0065	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4-Chloroaniline	0.066	U	0.37	0.066	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Hexachlorobutadiene	0.0079	U	0.076	0.0079	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2-Methylnaphthalene	0.053	J	0.37	0.010	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2-Nitroaniline	0.028	U	0.37	0.028	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Acenaphthylene	0.18	J	0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2,6-Dinitrotoluene	0.027	U	0.076	0.027	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
3-Nitroaniline	0.089	U	0.37	0.089	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Acenaphthene	0.17	J	0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Dibenzofuran	0.14	J	0.37	0.012	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Fluorene	0.20	J	0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
N-Nitrosodiphenylamine	0.031	U	0.37	0.031	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Phenanthrene	2.3		0.37	0.0066	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Anthracene	0.57		0.37	0.011	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Carbazole	0.25	J	0.37	0.014	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Fluoranthene	3.4		0.37	0.013	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Pyrene	2.9		0.37	0.0093	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Benzidine	0.078	U	0.37	0.078	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1
Butyl benzyl phthalate	0.018	U	0.37	0.018	mg/Kg	✳	10/12/22 10:28	10/13/22 07:51	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1.8		0.037	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Chrysene	1.6		0.37	0.0063	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Benzo[b]fluoranthene	2.1		0.037	0.0097	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Benzo[k]fluoranthene	0.75		0.037	0.0073	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Benzo[a]pyrene	1.6		0.037	0.010	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Indeno[1,2,3-cd]pyrene	1.2		0.037	0.015	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Dibenz(a,h)anthracene	0.25		0.037	0.016	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Benzo[g,h,i]perylene	0.84		0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
1,2-Diphenylhydrazine	0.015	U	0.37	0.015	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
1,1'-Biphenyl	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Benzaldehyde	0.062	U	0.37	0.062	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Caprolactam	0.058	U *	0.37	0.058	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Atrazine	0.022	U *	0.15	0.022	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/12/22 10:28	10/13/22 07:51	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
<i>Aldol condensation product</i>	0.62	A J	mg/Kg	☼	3.08		10/12/22 10:28	10/13/22 07:51	1
<i>Phenanthrene, 2-methyl-</i>	0.50	J N	mg/Kg	☼	9.41	2531-84-2	10/12/22 10:28	10/13/22 07:51	1
<i>4H-Cyclopenta[def]phenanthrene</i>	0.70	J N	mg/Kg	☼	9.49	203-64-5	10/12/22 10:28	10/13/22 07:51	1
<i>Cyclopenta(def)phenanthrenone</i>	0.32	J N	mg/Kg	☼	9.99	5737-13-3	10/12/22 10:28	10/13/22 07:51	1
<i>Unknown</i>	0.36	J	mg/Kg	☼	10.20		10/12/22 10:28	10/13/22 07:51	1
<i>Fluoranthene, 2-methyl-</i>	0.35	J N	mg/Kg	☼	10.62	33543-31-6	10/12/22 10:28	10/13/22 07:51	1
<i>Unknown</i>	0.39	J	mg/Kg	☼	13.23		10/12/22 10:28	10/13/22 07:51	1
<i>Benzo[e]pyrene</i>	0.98	J N	mg/Kg	☼	13.48	192-97-2	10/12/22 10:28	10/13/22 07:51	1
<i>Perylene</i>	0.30	J N	mg/Kg	☼	13.68	198-55-0	10/12/22 10:28	10/13/22 07:51	1
<i>Unknown</i>	0.37	J	mg/Kg	☼	15.02		10/12/22 10:28	10/13/22 07:51	1
<i>Unknown</i>	0.38	J	mg/Kg	☼	15.20		10/12/22 10:28	10/13/22 07:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Nitrobenzene-d5 (Surr)</i>	63		16 - 125	10/12/22 10:28	10/13/22 07:51	1
<i>Phenol-d5 (Surr)</i>	69		23 - 120	10/12/22 10:28	10/13/22 07:51	1
<i>Terphenyl-d14 (Surr)</i>	71		25 - 126	10/12/22 10:28	10/13/22 07:51	1
<i>2,4,6-Tribromophenol (Surr)</i>	85		10 - 123	10/12/22 10:28	10/13/22 07:51	1
<i>2-Fluorophenol (Surr)</i>	67		18 - 123	10/12/22 10:28	10/13/22 07:51	1
<i>2-Fluorobiphenyl</i>	73		22 - 122	10/12/22 10:28	10/13/22 07:51	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		10/14/22 09:48	10/15/22 04:06	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 04:06	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/15/22 04:06	1
2,4-Dinitrotoluene	0.0010	U *	0.010	0.0010	mg/L		10/14/22 09:48	10/15/22 04:06	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 04:06	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/15/22 04:06	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:48	10/15/22 04:06	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:48	10/15/22 04:06	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:48	10/15/22 04:06	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:48	10/15/22 04:06	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:48	10/15/22 04:06	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:48	10/15/22 04:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	141		37 - 150	10/14/22 09:48	10/15/22 04:06	1
2-Fluorobiphenyl	110		46 - 139	10/14/22 09:48	10/15/22 04:06	1
2-Fluorophenol (Surr)	51		19 - 80	10/14/22 09:48	10/15/22 04:06	1
Nitrobenzene-d5 (Surr)	100		52 - 137	10/14/22 09:48	10/15/22 04:06	1
Phenol-d5 (Surr)	43		10 - 56	10/14/22 09:48	10/15/22 04:06	1
Terphenyl-d14 (Surr)	83		22 - 150	10/14/22 09:48	10/15/22 04:06	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0025	J p	0.0076	0.0013	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
4,4'-DDE	0.0033	J p	0.0076	0.00089	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
4,4'-DDT	0.018		0.0076	0.0014	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Aldrin	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
alpha-BHC	0.00077	U	0.0023	0.00077	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
beta-BHC	0.00085	U	0.0023	0.00085	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Chlordane (technical)	0.075	J p	0.076	0.018	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
delta-BHC	0.00046	U	0.0023	0.00046	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Dieldrin	0.00098	U	0.0023	0.00098	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Endosulfan I	0.0012	U	0.0076	0.0012	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Endosulfan II	0.0019	U	0.0076	0.0019	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Endosulfan sulfate	0.00095	U	0.0076	0.00095	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Endrin	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Endrin aldehyde	0.0018	U	0.0076	0.0018	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Endrin ketone	0.0015	U	0.0076	0.0015	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
gamma-BHC (Lindane)	0.00070	U	0.0023	0.00070	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Heptachlor	0.00089	U	0.0076	0.00089	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Heptachlor epoxide	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Methoxychlor	0.0017	U	0.0076	0.0017	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1
Toxaphene	0.027	U	0.076	0.027	mg/Kg	✱	10/12/22 18:12	10/13/22 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	159	S1+	43 - 150	10/12/22 18:12	10/13/22 11:47	1
DCB Decachlorobiphenyl	109		43 - 150	10/12/22 18:12	10/13/22 11:47	1
Tetrachloro-m-xylene	107		26 - 137	10/12/22 18:12	10/13/22 11:47	1
Tetrachloro-m-xylene	94		26 - 137	10/12/22 18:12	10/13/22 11:47	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		10/14/22 13:02	10/17/22 07:16	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 07:16	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 07:16	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/14/22 13:02	10/17/22 07:16	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 07:16	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 07:16	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 07:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	121		15 - 121	10/14/22 13:02	10/17/22 07:16	1
DCB Decachlorobiphenyl	86		15 - 121	10/14/22 13:02	10/17/22 07:16	1
Tetrachloro-m-xylene	56		17 - 120	10/14/22 13:02	10/17/22 07:16	1
Tetrachloro-m-xylene	49		17 - 120	10/14/22 13:02	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	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor 1221	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor 1232	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor 1242	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor 1248	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor 1254	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor 1260	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor-1262	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Aroclor 1268	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1
Polychlorinated biphenyls, Total	0.020	U	0.076	0.020	mg/Kg	✱	10/12/22 17:58	10/13/22 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122		10 - 150	10/12/22 17:58	10/13/22 15:54	1
DCB Decachlorobiphenyl	124		10 - 150	10/12/22 17:58	10/13/22 15:54	1
Tetrachloro-m-xylene	114		42 - 150	10/12/22 17:58	10/13/22 15:54	1
Tetrachloro-m-xylene	108		42 - 150	10/12/22 17:58	10/13/22 15:54	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	✱	10/12/22 10:43	10/13/22 12:52	1
Silvex (2,4,5-TP)	0.0039	U	0.038	0.0039	mg/Kg	✱	10/12/22 10:43	10/13/22 12:52	1
2,4,5-T	0.0080	U	0.038	0.0080	mg/Kg	✱	10/12/22 10:43	10/13/22 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	99		27 - 150	10/12/22 10:43	10/13/22 12:52	1
2,4-Dichlorophenylacetic acid	111		27 - 150	10/12/22 10:43	10/13/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/14/22 09:54	10/17/22 11:42	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 11:42	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 11:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	28		10 - 150	10/14/22 09:54	10/17/22 11:42	1
2,4-Dichlorophenylacetic acid	28		10 - 150	10/14/22 09:54	10/17/22 11:42	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.4

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	140	*1	16	16	mg/Kg	☼	10/13/22 10:42	10/13/22 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o-Terphenyl</i>	61		40 - 140				10/13/22 10:42	10/13/22 22:08	1
<i>1-Chlorooctadecane</i>	63		40 - 140				10/13/22 10:42	10/13/22 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.13	J	0.36	0.079	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Aluminum	13000		17.8	4.9	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Arsenic	6.0		0.89	0.092	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Barium	76.2		1.8	0.13	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Beryllium	0.56		0.36	0.051	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Calcium	6670		89.1	15.8	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Cadmium	0.26	J	0.89	0.10	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Cobalt	7.7		1.8	0.13	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Chromium	23.2		1.8	0.81	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Copper	36.4		1.8	0.33	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Iron	19800		53.5	18.0	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Potassium	1390		89.1	14.4	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Magnesium	3160		89.1	9.1	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Manganese	231		3.6	0.36	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Sodium	106		89.1	40.7	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Nickel	14.4		1.8	0.42	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Lead	142		0.53	0.18	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Antimony	2.2		0.89	0.13	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Selenium	0.26	J	1.1	0.11	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Thallium	0.13	J	0.36	0.037	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Vanadium	29.8		1.8	0.18	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	1
Zinc	147		7.1	2.7	mg/Kg	☼	10/13/22 20:10	10/14/22 18:00	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		10/14/22 16:28	10/17/22 12:59	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 12:59	10
Barium	0.59		0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 12:59	10
Cadmium	0.0071	J	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 12:59	10
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 12:59	10
Lead	0.21		0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 12:59	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 12:59	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		10/14/22 14:34	10/14/22 15:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.018	0.0085	mg/Kg	☼	10/13/22 00:14	10/13/22 04:26	1

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9	HF			SU			10/18/22 13:47	1
Temperature (SW846 9045D)	21.1	HF			Degrees C			10/18/22 13:47	1
Corrosivity (SW846 9045D)	8.9	HF			SU			10/18/22 13:47	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.14	U	0.26	0.14	mg/L	☆	10/15/22 19:18	10/16/22 13:47	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			10/17/22 11:35	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/14/22 15:00	1
Percent Moisture (EPA Moisture)	11.6		1.0	1.0	%			10/13/22 07:50	1
Percent Solids (EPA Moisture)	88.4		1.0	1.0	%			10/13/22 07:50	1
Total Volatile Solids (SM 2540G)	2.7		0.10	0.10	%			10/13/22 13:01	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	8.9				%			10/20/22 16:04	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:04	1
Sand	47.7				%			10/20/22 16:04	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:04	1
Coarse Sand	6.1				%			10/20/22 16:04	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:04	1
Medium Sand	17.0				%			10/20/22 16:04	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:04	1
Fine Sand	24.6				%			10/20/22 16:04	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:04	1
Fines	43.4				%			10/20/22 16:04	1
Sieve Size 0.375 inch - Percent Finer	96.8				% Passing			10/20/22 16:04	1
Sieve Size #4 - Percent Finer	91.1				% Passing			10/20/22 16:04	1
Sieve Size #10 - Percent Finer	85.0				% Passing			10/20/22 16:04	1
Sieve Size #20 - Percent Finer	78.0				% Passing			10/20/22 16:04	1
Sieve Size #40 - Percent Finer	68.0				% Passing			10/20/22 16:04	1
Sieve Size #60 - Percent Finer	57.5				% Passing			10/20/22 16:04	1
Sieve Size #80 - Percent Finer	52.7				% Passing			10/20/22 16:04	1
Sieve Size #100 - Percent Finer	50.2				% Passing			10/20/22 16:04	1
Sieve Size #200 - Percent Finer	43.4				% Passing			10/20/22 16:04	1

Client Sample ID: B-02-G

Lab Sample ID: 460-267298-9

Date Collected: 10/11/22 13:25

Matrix: Solid

Date Received: 10/11/22 20:00

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	0.00042	U	0.00097	0.00042	mg/Kg	☆	10/12/22 21:25	10/14/22 02:25	1
Bromomethane	0.00097	U	0.0019	0.00097	mg/Kg	☆	10/12/22 21:25	10/14/22 02:25	1
Vinyl chloride	0.00053	U	0.00097	0.00053	mg/Kg	☆	10/12/22 21:25	10/14/22 02:25	1
Chloroethane	0.00051	U	0.00097	0.00051	mg/Kg	☆	10/12/22 21:25	10/14/22 02:25	1
Methylene Chloride	0.0011	U	0.0019	0.0011	mg/Kg	☆	10/12/22 21:25	10/14/22 02:25	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-G

Lab Sample ID: 460-267298-9

Date Collected: 10/11/22 13:25

Matrix: Solid

Date Received: 10/11/22 20:00

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
Acetone	0.13		0.0058	0.0055	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Carbon disulfide	0.0017		0.00097	0.00026	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Trichlorofluoromethane	0.00039	U	0.00097	0.00039	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,1-Dichloroethene	0.00022	U	0.00097	0.00022	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,1-Dichloroethane	0.00020	U	0.00097	0.00020	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
trans-1,2-Dichloroethene	0.00024	U	0.00097	0.00024	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
cis-1,2-Dichloroethene	0.00035	U	0.00097	0.00035	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Chloroform	0.00094	U	0.00097	0.00094	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,2-Dichloroethane	0.00029	U	0.00097	0.00029	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
2-Butanone (MEK)	0.0051		0.0048	0.00036	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,1,1-Trichloroethane	0.00023	U	0.00097	0.00023	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Carbon tetrachloride	0.00037	U	0.00097	0.00037	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Dichlorobromomethane	0.00025	U	0.00097	0.00025	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,2-Dichloropropane	0.00041	U	0.00097	0.00041	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
cis-1,3-Dichloropropene	0.00026	U	0.00097	0.00026	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Trichloroethene	0.00031	U	0.00097	0.00031	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Chlorodibromomethane	0.00019	U *	0.00097	0.00019	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,1,2-Trichloroethane	0.00017	U	0.00097	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Benzene	0.00025	U	0.00097	0.00025	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
trans-1,3-Dichloropropene	0.00026	U	0.00097	0.00026	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Bromoform	0.00041	U	0.00097	0.00041	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
4-Methyl-2-pentanone (MIBK)	0.0015	U	0.0048	0.0015	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
2-Hexanone	0.0017	U *	0.0048	0.0017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Tetrachloroethene	0.00030	U	0.00097	0.00030	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.00097	0.00021	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Toluene	0.00023	U	0.00097	0.00023	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Chlorobenzene	0.00017	U	0.00097	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Ethylbenzene	0.00019	U	0.00097	0.00019	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Styrene	0.00027	U	0.00097	0.00027	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
m-Xylene & p-Xylene	0.00017	J	0.00097	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
o-Xylene	0.00019	U	0.00097	0.00019	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Acrolein	0.027	U	0.097	0.027	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00029	U	0.00097	0.00029	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
TBA	0.0076	U	0.0097	0.0076	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Acrylonitrile	0.0047	U	0.0097	0.0047	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Methyl tert-butyl ether	0.00050	U	0.00097	0.00050	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Cyclohexane	0.00027	J	0.00097	0.00021	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Ethylene Dibromide	0.00017	U	0.00097	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,3-Dichlorobenzene	0.00035	U	0.00097	0.00035	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,4-Dichlorobenzene	0.00022	U	0.00097	0.00022	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,2-Dichlorobenzene	0.00035	U	0.00097	0.00035	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Dichlorodifluoromethane	0.00033	U	0.00097	0.00033	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,2,4-Trichlorobenzene	0.00035	U	0.00097	0.00035	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,4-Dioxane	0.0089	U	0.097	0.0089	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,2,3-Trichlorobenzene	0.00018	U	0.00097	0.00018	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
1,2-Dibromo-3-Chloropropane	0.00045	U	0.00097	0.00045	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Chlorobromomethane	0.00027	U	0.00097	0.00027	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Isopropylbenzene	0.00028	U	0.00097	0.00028	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1
Methyl acetate	0.0042	U	0.0048	0.0042	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-G

Lab Sample ID: 460-267298-9

Date Collected: 10/11/22 13:25

Matrix: Solid

Date Received: 10/11/22 20:00

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
Methylcyclohexane	0.00061	J	0.00097	0.00048	mg/Kg	☼	10/12/22 21:25	10/14/22 02:25	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>
1H-Indene, 1-ethylidene-	0.0055	J N	mg/Kg	☼	13.67	2471-83-2	10/12/22 21:25	10/14/22 02:25	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		72 - 145				10/12/22 21:25	10/14/22 02:25	1
Toluene-d8 (Surr)	94		80 - 120				10/12/22 21:25	10/14/22 02:25	1
4-Bromofluorobenzene	102		75 - 139				10/12/22 21:25	10/14/22 02:25	1
Dibromofluoromethane (Surr)	113		73 - 139				10/12/22 21:25	10/14/22 02:25	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			10/16/22 15:59	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/16/22 15:59	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/16/22 15:59	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/16/22 15:59	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/16/22 15:59	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/16/22 15:59	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/16/22 15:59	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/16/22 15:59	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/16/22 15:59	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/16/22 15:59	10
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	114		70 - 128					10/16/22 15:59	10
4-Bromofluorobenzene	96		76 - 120					10/16/22 15:59	10
Dibromofluoromethane (Surr)	106		77 - 124					10/16/22 15:59	10
Toluene-d8 (Surr)	105		80 - 120					10/16/22 15:59	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		1.0	1.0	%			10/14/22 16:21	1
Percent Solids (EPA Moisture)	86.6		1.0	1.0	%			10/14/22 16:21	1

Client Sample ID: B-02-C

Lab Sample ID: 460-267298-10

Date Collected: 10/11/22 13:40

Matrix: Solid

Date Received: 10/11/22 20:00

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	☼	10/12/22 10:28	10/14/22 03:33	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2-Nitrophenol	0.038	U	0.37	0.038	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,4-Dimethylphenol	0.045	U	0.37	0.045	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-C

Lab Sample ID: 460-267298-10

Date Collected: 10/11/22 13:40

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.040	U	0.076	0.040	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4-Nitrophenol	0.061	U	0.76	0.061	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Pentachlorophenol	0.077	U	0.30	0.077	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
N-Nitrosodimethylamine	0.035	U	0.37	0.035	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Nitrobenzene	0.021	U	0.037	0.021	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Naphthalene	0.21	J	0.37	0.0065	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4-Chloroaniline	0.067	U	0.37	0.067	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Hexachlorobutadiene	0.0080	U	0.076	0.0080	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2-Methylnaphthalene	0.095	J	0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2-Nitroaniline	0.029	U	0.37	0.029	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Acenaphthylene	0.15	J	0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,6-Dinitrotoluene	0.027	U	0.076	0.027	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
3-Nitroaniline	0.089	U	0.37	0.089	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Acenaphthene	0.21	J	0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Dibenzofuran	0.18	J	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Fluorene	0.25	J	0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
N-Nitrosodiphenylamine	0.031	U	0.37	0.031	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Phenanthrene	2.9		0.37	0.0066	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Anthracene	0.78		0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Carbazole	0.27	J	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Fluoranthene	4.0		0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Pyrene	4.6		0.37	0.0093	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Benzidine	0.079	U	0.37	0.079	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Butyl benzyl phthalate	0.025	J	0.37	0.018	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Benzo[a]anthracene	2.6		0.037	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Chrysene	2.3		0.37	0.0064	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Benzo[b]fluoranthene	3.0		0.037	0.0097	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Benzo[k]fluoranthene	0.96		0.037	0.0074	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Benzo[a]pyrene	2.3		0.037	0.010	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Indeno[1,2,3-cd]pyrene	1.9		0.037	0.015	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Dibenz(a,h)anthracene	0.40		0.037	0.016	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Benzo[g,h,i]perylene	1.4		0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-C

Lab Sample ID: 460-267298-10

Date Collected: 10/11/22 13:40

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Diphenylhydrazine	0.015	U	0.37	0.015	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
1,1'-Biphenyl	0.029	J	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Benzaldehyde	0.062	U	0.37	0.062	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Caprolactam	0.058	U**	0.37	0.058	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Atrazine	0.022	U**	0.15	0.022	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
1,2,4,5-Tetrachlorobenzene	0.012	U	0.37	0.012	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
3,3'-Dichlorobenzidine	0.057	U	0.15	0.057	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/12/22 10:28	10/14/22 03:33	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
<i>Aldol condensation product</i>	0.76	A J	mg/Kg	☼	3.08		10/12/22 10:28	10/14/22 03:33	1
<i>Phenanthrene, 2-methyl-</i>	0.46	J N	mg/Kg	☼	9.37	2531-84-2	10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	0.72	J	mg/Kg	☼	9.40		10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	1.0	J	mg/Kg	☼	9.48		10/12/22 10:28	10/14/22 03:33	1
<i>2-Phenylnaphthalene</i>	0.39	J N	mg/Kg	☼	9.66	35465-71-5	10/12/22 10:28	10/14/22 03:33	1
<i>di-p-Tolylacetylene</i>	0.46	J N	mg/Kg	☼	9.90	2789-88-0	10/12/22 10:28	10/14/22 03:33	1
<i>Phenanthrene, 3,6-dimethyl-</i>	0.47	J N	mg/Kg	☼	9.93	1576-67-6	10/12/22 10:28	10/14/22 03:33	1
<i>Cyclopenta(def)phenanthrenone</i>	0.54	J N	mg/Kg	☼	9.98	5737-13-3	10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	0.35	J	mg/Kg	☼	10.10		10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	0.35	J	mg/Kg	☼	10.19		10/12/22 10:28	10/14/22 03:33	1
<i>Pyrene, 2-methyl-</i>	0.51	J N	mg/Kg	☼	10.60	3442-78-2	10/12/22 10:28	10/14/22 03:33	1
<i>Pyrene, 1-methyl-</i>	0.38	J N	mg/Kg	☼	10.72	2381-21-7	10/12/22 10:28	10/14/22 03:33	1
<i>Benzo[e]pyrene</i>	0.45	J N	mg/Kg	☼	13.21	192-97-2	10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	1.6	J	mg/Kg	☼	13.46		10/12/22 10:28	10/14/22 03:33	1
<i>Perylene</i>	0.52	J N	mg/Kg	☼	13.66	198-55-0	10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	0.42	J	mg/Kg	☼	13.87		10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	0.52	J	mg/Kg	☼	15.00		10/12/22 10:28	10/14/22 03:33	1
<i>Dibenzo[def,mno]chrysene</i>	0.57	J N	mg/Kg	☼	15.18	191-26-4	10/12/22 10:28	10/14/22 03:33	1
<i>Benzo[b]triphenylene</i>	0.34	J N	mg/Kg	☼	15.60	215-58-7	10/12/22 10:28	10/14/22 03:33	1
<i>Unknown</i>	0.47	J	mg/Kg	☼	15.66		10/12/22 10:28	10/14/22 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Nitrobenzene-d5 (Surr)</i>	74		16 - 125	10/12/22 10:28	10/14/22 03:33	1
<i>Phenol-d5 (Surr)</i>	72		23 - 120	10/12/22 10:28	10/14/22 03:33	1
<i>Terphenyl-d14 (Surr)</i>	94		25 - 126	10/12/22 10:28	10/14/22 03:33	1
<i>2,4,6-Tribromophenol (Surr)</i>	85		10 - 123	10/12/22 10:28	10/14/22 03:33	1
<i>2-Fluorophenol (Surr)</i>	73		18 - 123	10/12/22 10:28	10/14/22 03:33	1
<i>2-Fluorobiphenyl</i>	87		22 - 122	10/12/22 10:28	10/14/22 03:33	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		10/14/22 09:49	10/15/22 04:27	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:49	10/15/22 04:27	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:49	10/15/22 04:27	1
2,4-Dinitrotoluene	0.0010	U**	0.010	0.0010	mg/L		10/14/22 09:49	10/15/22 04:27	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:49	10/15/22 04:27	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:49	10/15/22 04:27	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-C

Lab Sample ID: 460-267298-10

Date Collected: 10/11/22 13:40

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:49	10/15/22 04:27	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:49	10/15/22 04:27	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:49	10/15/22 04:27	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:49	10/15/22 04:27	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:49	10/15/22 04:27	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:49	10/15/22 04:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	127		37 - 150	10/14/22 09:49	10/15/22 04:27	1
2-Fluorobiphenyl	100		46 - 139	10/14/22 09:49	10/15/22 04:27	1
2-Fluorophenol (Surr)	43		19 - 80	10/14/22 09:49	10/15/22 04:27	1
Nitrobenzene-d5 (Surr)	96		52 - 137	10/14/22 09:49	10/15/22 04:27	1
Phenol-d5 (Surr)	27		10 - 56	10/14/22 09:49	10/15/22 04:27	1
Terphenyl-d14 (Surr)	74		22 - 150	10/14/22 09:49	10/15/22 04:27	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0049	J	0.0076	0.0013	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
4,4'-DDE	0.0094		0.0076	0.00089	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
4,4'-DDT	0.040		0.0076	0.0014	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Aldrin	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
alpha-BHC	0.00077	U	0.0023	0.00077	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
beta-BHC	0.00085	U	0.0023	0.00085	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Chlordane (technical)	0.27		0.076	0.018	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
delta-BHC	0.00046	U	0.0023	0.00046	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Dieldrin	0.00099	U	0.0023	0.00099	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Endosulfan I	0.0012	U	0.0076	0.0012	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Endosulfan II	0.0019	U	0.0076	0.0019	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Endosulfan sulfate	0.00095	U	0.0076	0.00095	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Endrin	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Endrin aldehyde	0.0018	U	0.0076	0.0018	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Endrin ketone	0.0015	U	0.0076	0.0015	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
gamma-BHC (Lindane)	0.00070	U	0.0023	0.00070	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Heptachlor	0.00089	U	0.0076	0.00089	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Heptachlor epoxide	0.0011	U	0.0076	0.0011	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Methoxychlor	0.0017	U	0.0076	0.0017	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1
Toxaphene	0.027	U	0.076	0.027	mg/Kg	✱	10/12/22 18:12	10/14/22 09:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	143		43 - 150	10/12/22 18:12	10/14/22 09:16	1
DCB Decachlorobiphenyl	100		43 - 150	10/12/22 18:12	10/14/22 09:16	1
Tetrachloro-m-xylene	97		26 - 137	10/12/22 18:12	10/14/22 09:16	1
Tetrachloro-m-xylene	85		26 - 137	10/12/22 18:12	10/14/22 09:16	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		10/14/22 13:02	10/17/22 07:32	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 07:32	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 07:32	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/14/22 13:02	10/17/22 07:32	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-C

Lab Sample ID: 460-267298-10

Date Collected: 10/11/22 13:40

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 07:32	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 07:32	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		15 - 121	10/14/22 13:02	10/17/22 07:32	1
DCB Decachlorobiphenyl	82		15 - 121	10/14/22 13:02	10/17/22 07:32	1
Tetrachloro-m-xylene	62		17 - 120	10/14/22 13:02	10/17/22 07:32	1
Tetrachloro-m-xylene	53		17 - 120	10/14/22 13:02	10/17/22 07:32	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	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor 1221	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor 1232	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor 1242	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor 1248	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor 1254	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor 1260	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor-1262	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Aroclor 1268	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1
Polychlorinated biphenyls, Total	0.020	U	0.076	0.020	mg/Kg	✳	10/12/22 17:58	10/13/22 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	178	S1+	10 - 150	10/12/22 17:58	10/13/22 16:11	1
DCB Decachlorobiphenyl	170	S1+	10 - 150	10/12/22 17:58	10/13/22 16:11	1
Tetrachloro-m-xylene	154	S1+	42 - 150	10/12/22 17:58	10/13/22 16:11	1
Tetrachloro-m-xylene	141		42 - 150	10/12/22 17:58	10/13/22 16:11	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	✳	10/12/22 10:43	10/13/22 13:06	1
Silvex (2,4,5-TP)	0.0039	U	0.038	0.0039	mg/Kg	✳	10/12/22 10:43	10/13/22 13:06	1
2,4,5-T	0.0080	U	0.038	0.0080	mg/Kg	✳	10/12/22 10:43	10/13/22 13:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	83		27 - 150	10/12/22 10:43	10/13/22 13:06	1
2,4-Dichlorophenylacetic acid	108		27 - 150	10/12/22 10:43	10/13/22 13:06	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		10/14/22 09:54	10/17/22 11:55	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 11:55	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	27		10 - 150	10/14/22 09:54	10/17/22 11:55	1
2,4-Dichlorophenylacetic acid	27		10 - 150	10/14/22 09:54	10/17/22 11:55	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-C

Lab Sample ID: 460-267298-10

Date Collected: 10/11/22 13:40

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.0

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	260	*1	16	16	mg/Kg	☼	10/13/22 10:42	10/13/22 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o-Terphenyl</i>	70		40 - 140				10/13/22 10:42	10/13/22 22:27	1
<i>1-Chlorooctadecane</i>	177	S1+	40 - 140				10/13/22 10:42	10/13/22 22:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.15	J	0.34	0.077	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Aluminum	11500		17.2	4.7	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Arsenic	6.0		0.86	0.089	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Barium	112		1.7	0.12	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Beryllium	0.52		0.34	0.049	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Calcium	8070		86.1	15.2	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Cadmium	0.33	J	0.86	0.097	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Cobalt	7.0		1.7	0.13	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Chromium	22.1		1.7	0.78	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Copper	38.1		1.7	0.32	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Iron	19600		51.7	17.4	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Potassium	1480		86.1	13.9	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Magnesium	3330		86.1	8.8	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Manganese	234		3.4	0.35	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Sodium	110		86.1	39.3	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Nickel	12.6		1.7	0.40	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Lead	183		0.52	0.17	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Antimony	0.95		0.86	0.13	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Selenium	0.30	J	1.1	0.11	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Thallium	0.14	J	0.34	0.035	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Vanadium	28.9		1.7	0.18	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	1
Zinc	140		6.9	2.6	mg/Kg	☼	10/13/22 20:10	10/14/22 18:03	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		10/14/22 16:28	10/17/22 13:01	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 13:01	10
Barium	0.69		0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 13:01	10
Cadmium	0.0056	J	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 13:01	10
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 13:01	10
Lead	0.33		0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 13:01	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 13:01	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		10/14/22 14:34	10/14/22 15:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.51		0.019	0.0091	mg/Kg	☼	10/13/22 00:14	10/13/22 04:28	1

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-C
Date Collected: 10/11/22 13:40
Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-10
Matrix: Solid
Percent Solids: 88.0

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4	HF			SU			10/18/22 13:49	1
Temperature (SW846 9045D)	21.1	HF			Degrees C			10/18/22 13:49	1
Corrosivity (SW846 9045D)	8.4	HF			SU			10/18/22 13:49	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.17	J	0.24	0.13	mg/L	☆	10/15/22 19:18	10/16/22 13:47	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			10/17/22 11:35	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/14/22 15:05	1
Percent Moisture (EPA Moisture)	12.0		1.0	1.0	%			10/13/22 07:50	1
Percent Solids (EPA Moisture)	88.0		1.0	1.0	%			10/13/22 07:50	1
Total Volatile Solids (SM 2540G)	2.7		0.10	0.10	%			10/13/22 13:01	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	9.7				%			10/20/22 16:06	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:06	1
Sand	46.0				%			10/20/22 16:06	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:06	1
Coarse Sand	6.7				%			10/20/22 16:06	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:06	1
Medium Sand	16.2				%			10/20/22 16:06	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:06	1
Fine Sand	23.1				%			10/20/22 16:06	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:06	1
Fines	44.3				%			10/20/22 16:06	1
Sieve Size 0.375 inch - Percent Finer	94.4				% Passing			10/20/22 16:06	1
Sieve Size #4 - Percent Finer	90.3				% Passing			10/20/22 16:06	1
Sieve Size #10 - Percent Finer	83.6				% Passing			10/20/22 16:06	1
Sieve Size #20 - Percent Finer	76.6				% Passing			10/20/22 16:06	1
Sieve Size #40 - Percent Finer	67.4				% Passing			10/20/22 16:06	1
Sieve Size #60 - Percent Finer	58.2				% Passing			10/20/22 16:06	1
Sieve Size #80 - Percent Finer	54.5				% Passing			10/20/22 16:06	1
Sieve Size #100 - Percent Finer	51.2				% Passing			10/20/22 16:06	1
Sieve Size #200 - Percent Finer	44.3				% Passing			10/20/22 16:06	1

Client Sample ID: B-03-G
Date Collected: 10/11/22 14:15
Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-11
Matrix: Solid
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00041	U	0.00095	0.00041	mg/Kg	☆	10/12/22 21:25	10/14/22 02:47	1
Bromomethane	0.00095	U	0.0019	0.00095	mg/Kg	☆	10/12/22 21:25	10/14/22 02:47	1
Vinyl chloride	0.00052	U	0.00095	0.00052	mg/Kg	☆	10/12/22 21:25	10/14/22 02:47	1
Chloroethane	0.00050	U	0.00095	0.00050	mg/Kg	☆	10/12/22 21:25	10/14/22 02:47	1
Methylene Chloride	0.0011	U	0.0019	0.0011	mg/Kg	☆	10/12/22 21:25	10/14/22 02:47	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-G

Lab Sample ID: 460-267298-11

Date Collected: 10/11/22 14:15

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.018		0.0057	0.0054	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Carbon disulfide	0.0013		0.00095	0.00025	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Trichlorofluoromethane	0.00039	U	0.00095	0.00039	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,1-Dichloroethene	0.00021	U	0.00095	0.00021	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,1-Dichloroethane	0.00020	U	0.00095	0.00020	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
trans-1,2-Dichloroethene	0.00023	U	0.00095	0.00023	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
cis-1,2-Dichloroethene	0.00034	U	0.00095	0.00034	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Chloroform	0.00092	U	0.00095	0.00092	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,2-Dichloroethane	0.00028	U	0.00095	0.00028	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
2-Butanone (MEK)	0.00035	U	0.0048	0.00035	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,1,1-Trichloroethane	0.00022	U	0.00095	0.00022	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Carbon tetrachloride	0.00037	U	0.00095	0.00037	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Dichlorobromomethane	0.00024	U	0.00095	0.00024	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,2-Dichloropropane	0.00040	U	0.00095	0.00040	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
cis-1,3-Dichloropropene	0.00026	U	0.00095	0.00026	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Trichloroethene	0.00031	U	0.00095	0.00031	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Chlorodibromomethane	0.00018	U *	0.00095	0.00018	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,1,2-Trichloroethane	0.00017	U	0.00095	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Benzene	0.00025	U	0.00095	0.00025	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
trans-1,3-Dichloropropene	0.00025	U	0.00095	0.00025	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Bromoform	0.00040	U	0.00095	0.00040	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
4-Methyl-2-pentanone (MIBK)	0.0015	U	0.0048	0.0015	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
2-Hexanone	0.0016	U *	0.0048	0.0016	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Tetrachloroethene	0.00029	U	0.00095	0.00029	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,1,2,2-Tetrachloroethane	0.00020	U	0.00095	0.00020	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Toluene	0.00022	U	0.00095	0.00022	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Chlorobenzene	0.00017	U	0.00095	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Ethylbenzene	0.00019	U	0.00095	0.00019	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Styrene	0.00026	U	0.00095	0.00026	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
m-Xylene & p-Xylene	0.00017	U	0.00095	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
o-Xylene	0.00018	U	0.00095	0.00018	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Acrolein	0.027	U	0.095	0.027	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00029	U	0.00095	0.00029	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
TBA	0.0075	U	0.0095	0.0075	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Acrylonitrile	0.0046	U	0.0095	0.0046	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Methyl tert-butyl ether	0.00049	U	0.00095	0.00049	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Cyclohexane	0.00021	U	0.00095	0.00021	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Ethylene Dibromide	0.00017	U	0.00095	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,3-Dichlorobenzene	0.00035	U	0.00095	0.00035	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,4-Dichlorobenzene	0.00021	U	0.00095	0.00021	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,2-Dichlorobenzene	0.00034	U	0.00095	0.00034	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Dichlorodifluoromethane	0.00032	U	0.00095	0.00032	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,2,4-Trichlorobenzene	0.00034	U	0.00095	0.00034	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,4-Dioxane	0.0087	U	0.095	0.0087	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,2,3-Trichlorobenzene	0.00017	U	0.00095	0.00017	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
1,2-Dibromo-3-Chloropropane	0.00044	U	0.00095	0.00044	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Chlorobromomethane	0.00027	U	0.00095	0.00027	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Isopropylbenzene	0.00027	U	0.00095	0.00027	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1
Methyl acetate	0.0041	U	0.0048	0.0041	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-G

Lab Sample ID: 460-267298-11

Date Collected: 10/11/22 14:15

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00047	U	0.00095	0.00047	mg/Kg	☼	10/12/22 21:25	10/14/22 02:47	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Naphthalene	0.0098	J N	mg/Kg	☼	12.75	91-20-3	10/12/22 21:25	10/14/22 02:47	1
Naphthalene, 1-methyl-	0.0052	J N	mg/Kg	☼	13.65	90-12-0	10/12/22 21:25	10/14/22 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		72 - 145	10/12/22 21:25	10/14/22 02:47	1
Toluene-d8 (Surr)	96		80 - 120	10/12/22 21:25	10/14/22 02:47	1
4-Bromofluorobenzene	103		75 - 139	10/12/22 21:25	10/14/22 02:47	1
Dibromofluoromethane (Surr)	112		73 - 139	10/12/22 21:25	10/14/22 02:47	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			10/16/22 16:24	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/16/22 16:24	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/16/22 16:24	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/16/22 16:24	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/16/22 16:24	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/16/22 16:24	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/16/22 16:24	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/16/22 16:24	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/16/22 16:24	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/16/22 16:24	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 128		10/16/22 16:24	10
4-Bromofluorobenzene	97		76 - 120		10/16/22 16:24	10
Dibromofluoromethane (Surr)	104		77 - 124		10/16/22 16:24	10
Toluene-d8 (Surr)	104		80 - 120		10/16/22 16:24	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.7		1.0	1.0	%			10/14/22 16:21	1
Percent Solids (EPA Moisture)	86.3		1.0	1.0	%			10/14/22 16:21	1

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Date Collected: 10/11/22 14:30

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2-Nitrophenol	0.037	U	0.37	0.037	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,4-Dimethylphenol	0.044	U	0.37	0.044	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,4-Dichlorophenol	0.023	U	0.15	0.023	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,4,6-Trichlorophenol	0.047	U	0.15	0.047	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Date Collected: 10/11/22 14:30

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.037	U	0.37	0.037	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,4-Dinitrotoluene	0.039	U	0.074	0.039	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4-Nitrophenol	0.060	U	0.74	0.060	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4,6-Dinitro-2-methylphenol	0.15	U	0.29	0.15	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Pentachlorophenol	0.075	U	0.29	0.075	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
N-Nitrosodimethylamine	0.034	U	0.37	0.034	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Nitrobenzene	0.020	U	0.037	0.020	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Naphthalene	0.28	J	0.37	0.0063	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4-Chloroaniline	0.065	U	0.37	0.065	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Hexachlorobutadiene	0.0078	U	0.074	0.0078	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2-Methylnaphthalene	0.13	J	0.37	0.010	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Hexachlorocyclopentadiene	0.032	U	0.37	0.032	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2-Nitroaniline	0.028	U	0.37	0.028	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Dimethyl phthalate	0.083	U	0.37	0.083	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Acenaphthylene	0.16	J	0.37	0.010	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,6-Dinitrotoluene	0.026	U	0.074	0.026	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
3-Nitroaniline	0.087	U	0.37	0.087	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Acenaphthene	0.28	J	0.37	0.010	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Dibenzofuran	0.25	J	0.37	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,4-Dinitrophenol	0.18	U	0.29	0.18	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Diethyl phthalate	0.012	U	0.37	0.012	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Fluorene	0.31	J	0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
N-Nitrosodiphenylamine	0.030	U	0.37	0.030	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Hexachlorobenzene	0.017	U	0.037	0.017	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Phenanthrene	3.5		0.37	0.0064	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Anthracene	0.86		0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Carbazole	0.34	J	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Fluoranthene	4.2		0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Pyrene	3.6		0.37	0.0091	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Benzidine	0.077	U	0.37	0.077	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Benzo[a]anthracene	2.2		0.037	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Chrysene	2.1		0.37	0.0062	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.37	0.019	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Di-n-octyl phthalate	0.019	U	0.37	0.019	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Benzo[b]fluoranthene	2.5		0.037	0.0095	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Benzo[k]fluoranthene	0.91		0.037	0.0072	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Benzo[a]pyrene	1.9		0.037	0.0098	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Indeno[1,2,3-cd]pyrene	1.4		0.037	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Dibenz(a,h)anthracene	0.32		0.037	0.016	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Date Collected: 10/11/22 14:30

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	1.0		0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
1,2-Diphenylhydrazine	0.014	U	0.37	0.014	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
1,1'-Biphenyl	0.040	J	0.37	0.013	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Acetophenone	0.018	U	0.37	0.018	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Benzaldehyde	0.061	U	0.37	0.061	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Caprolactam	0.057	U**	0.37	0.057	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Atrazine	0.022	U**	0.15	0.022	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,2'-oxybis[1-chloropropane]	0.0066	U	0.37	0.0066	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
1,2,4,5-Tetrachlorobenzene	0.011	U	0.37	0.011	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
2,3,4,6-Tetrachlorophenol	0.025	U	0.37	0.025	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
3,3'-Dichlorobenzidine	0.055	U	0.15	0.055	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/12/22 10:28	10/13/22 08:13	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
<i>Aldol condensation product</i>	0.76	A J	mg/Kg	☼	3.08		10/12/22 10:28	10/13/22 08:13	1
<i>Phenanthrene, 2-methyl-</i>	0.42	J N	mg/Kg	☼	9.38	2531-84-2	10/12/22 10:28	10/13/22 08:13	1
<i>Unknown</i>	0.68	J	mg/Kg	☼	9.41		10/12/22 10:28	10/13/22 08:13	1
<i>4H-Cyclopenta[def]phenanthrene</i>	0.95	J N	mg/Kg	☼	9.49	203-64-5	10/12/22 10:28	10/13/22 08:13	1
<i>2-Phenylnaphthalene</i>	0.31	J N	mg/Kg	☼	9.67	35465-71-5	10/12/22 10:28	10/13/22 08:13	1
<i>9,10-Anthracenedione</i>	0.31	J N	mg/Kg	☼	9.69	84-65-1	10/12/22 10:28	10/13/22 08:13	1
<i>di-p-Tolylacetylene</i>	0.35	J N	mg/Kg	☼	9.91	2789-88-0	10/12/22 10:28	10/13/22 08:13	1
<i>Cyclopenta(def)phenanthrenone</i>	0.31	J N	mg/Kg	☼	9.99	5737-13-3	10/12/22 10:28	10/13/22 08:13	1
<i>Fluoranthene, 2-methyl-</i>	0.40	J N	mg/Kg	☼	10.62	33543-31-6	10/12/22 10:28	10/13/22 08:13	1
<i>Chrysene, 1-methyl-</i>	0.31	J N	mg/Kg	☼	12.15	3351-28-8	10/12/22 10:28	10/13/22 08:13	1
<i>Benzo[e]pyrene</i>	0.45	J N	mg/Kg	☼	13.23	192-97-2	10/12/22 10:28	10/13/22 08:13	1
<i>Unknown</i>	1.2	J	mg/Kg	☼	13.48		10/12/22 10:28	10/13/22 08:13	1
<i>Perylene</i>	0.30	J N	mg/Kg	☼	13.69	198-55-0	10/12/22 10:28	10/13/22 08:13	1
<i>Benoxazole, 2-[2-(4-piperidyl)pyrimid-5-yl]-</i>	0.43	J N	mg/Kg	☼	15.03	1000294-14-8	10/12/22 10:28	10/13/22 08:13	1
<i>Dibenzo[def,mno]chrysene</i>	0.42	J N	mg/Kg	☼	15.20	191-26-4	10/12/22 10:28	10/13/22 08:13	1
<i>1,2:7,8-Dibenzophenanthrene</i>	0.34	J N	mg/Kg	☼	15.62	213-46-7	10/12/22 10:28	10/13/22 08:13	1
<i>Benzo[b]triphenylene</i>	0.33	J N	mg/Kg	☼	15.69	215-58-7	10/12/22 10:28	10/13/22 08:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Nitrobenzene-d5 (Surr)</i>	74		16 - 125	10/12/22 10:28	10/13/22 08:13	1
<i>Phenol-d5 (Surr)</i>	84		23 - 120	10/12/22 10:28	10/13/22 08:13	1
<i>Terphenyl-d14 (Surr)</i>	83		25 - 126	10/12/22 10:28	10/13/22 08:13	1
<i>2,4,6-Tribromophenol (Surr)</i>	100		10 - 123	10/12/22 10:28	10/13/22 08:13	1
<i>2-Fluorophenol (Surr)</i>	80		18 - 123	10/12/22 10:28	10/13/22 08:13	1
<i>2-Fluorobiphenyl</i>	84		22 - 122	10/12/22 10:28	10/13/22 08:13	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		10/14/22 09:49	10/15/22 04:49	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:49	10/15/22 04:49	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:49	10/15/22 04:49	1
2,4-Dinitrotoluene	0.0010	U**	0.010	0.0010	mg/L		10/14/22 09:49	10/15/22 04:49	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:49	10/15/22 04:49	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:49	10/15/22 04:49	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:49	10/15/22 04:49	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Date Collected: 10/11/22 14:30

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:49	10/15/22 04:49	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:49	10/15/22 04:49	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:49	10/15/22 04:49	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:49	10/15/22 04:49	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:49	10/15/22 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	138		37 - 150	10/14/22 09:49	10/15/22 04:49	1
2-Fluorobiphenyl	103		46 - 139	10/14/22 09:49	10/15/22 04:49	1
2-Fluorophenol (Surr)	46		19 - 80	10/14/22 09:49	10/15/22 04:49	1
Nitrobenzene-d5 (Surr)	99		52 - 137	10/14/22 09:49	10/15/22 04:49	1
Phenol-d5 (Surr)	30		10 - 56	10/14/22 09:49	10/15/22 04:49	1
Terphenyl-d14 (Surr)	76		22 - 150	10/14/22 09:49	10/15/22 04:49	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0013	U	0.0074	0.0013	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
4,4'-DDE	0.0072	J p	0.0074	0.00087	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
4,4'-DDT	0.041		0.0074	0.0014	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Aldrin	0.0011	U	0.0074	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
alpha-BHC	0.00075	U	0.0022	0.00075	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
beta-BHC	0.00083	U	0.0022	0.00083	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Chlordane (technical)	1.0		0.074	0.018	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
delta-BHC	0.00045	U	0.0022	0.00045	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Dieldrin	0.00096	U	0.0022	0.00096	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Endosulfan I	0.0011	U	0.0074	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Endosulfan II	0.0019	U	0.0074	0.0019	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Endosulfan sulfate	0.00093	U	0.0074	0.00093	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Endrin	0.0011	U	0.0074	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Endrin aldehyde	0.0017	U	0.0074	0.0017	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Endrin ketone	0.0014	U	0.0074	0.0014	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
gamma-BHC (Lindane)	0.00068	U	0.0022	0.00068	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Heptachlor	0.00087	U	0.0074	0.00087	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Heptachlor epoxide	0.0011	U	0.0074	0.0011	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Methoxychlor	0.0017	U	0.0074	0.0017	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1
Toxaphene	0.027	U	0.074	0.027	mg/Kg	✱	10/12/22 18:12	10/13/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	171	S1+	43 - 150	10/12/22 18:12	10/13/22 12:18	1
DCB Decachlorobiphenyl	120		43 - 150	10/12/22 18:12	10/13/22 12:18	1
Tetrachloro-m-xylene	116		26 - 137	10/12/22 18:12	10/13/22 12:18	1
Tetrachloro-m-xylene	105		26 - 137	10/12/22 18:12	10/13/22 12:18	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		10/18/22 10:36	10/19/22 04:09	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/18/22 10:36	10/19/22 04:09	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/18/22 10:36	10/19/22 04:09	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/18/22 10:36	10/19/22 04:09	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/18/22 10:36	10/19/22 04:09	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Date Collected: 10/11/22 14:30

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/18/22 10:36	10/19/22 04:09	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/18/22 10:36	10/19/22 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		15 - 121				10/18/22 10:36	10/19/22 04:09	1
DCB Decachlorobiphenyl	61		15 - 121				10/18/22 10:36	10/19/22 04:09	1
Tetrachloro-m-xylene	44		17 - 120				10/18/22 10:36	10/19/22 04:09	1
Tetrachloro-m-xylene	41		17 - 120				10/18/22 10:36	10/19/22 04:09	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	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor 1221	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor 1232	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor 1242	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor 1248	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor 1254	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor 1260	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor-1262	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Aroclor 1268	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Polychlorinated biphenyls, Total	0.020	U	0.074	0.020	mg/Kg	⊛	10/12/22 17:58	10/13/22 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	153	S1+	10 - 150				10/12/22 17:58	10/13/22 16:27	1
DCB Decachlorobiphenyl	147		10 - 150				10/12/22 17:58	10/13/22 16:27	1
Tetrachloro-m-xylene	133		42 - 150				10/12/22 17:58	10/13/22 16:27	1
Tetrachloro-m-xylene	126		42 - 150				10/12/22 17:58	10/13/22 16:27	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	⊛	10/12/22 10:43	10/13/22 13:19	1
Silvex (2,4,5-TP)	0.0038	U	0.037	0.0038	mg/Kg	⊛	10/12/22 10:43	10/13/22 13:19	1
2,4,5-T	0.0078	U	0.037	0.0078	mg/Kg	⊛	10/12/22 10:43	10/13/22 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	112		27 - 150				10/12/22 10:43	10/13/22 13:19	1
2,4-Dichlorophenylacetic acid	117		27 - 150				10/12/22 10:43	10/13/22 13:19	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		10/14/22 09:54	10/17/22 12:09	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 12:09	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	26		10 - 150				10/14/22 09:54	10/17/22 12:09	1
2,4-Dichlorophenylacetic acid	26		10 - 150				10/14/22 09:54	10/17/22 12:09	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	210	*1	77	77	mg/Kg	⊛	10/13/22 10:42	10/14/22 11:43	5

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Date Collected: 10/11/22 14:30

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 90.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	59		40 - 140	10/13/22 10:42	10/14/22 11:43	5
1-Chlorooctadecane	113		40 - 140	10/13/22 10:42	10/14/22 11:43	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.11	J	0.36	0.080	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Aluminum	11900		17.9	4.9	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Arsenic	5.8		0.89	0.092	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Barium	137		1.8	0.13	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Beryllium	0.54		0.36	0.051	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Calcium	7630		89.4	15.8	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Cadmium	0.30	J	0.89	0.10	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Cobalt	7.6		1.8	0.13	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Chromium	22.8		1.8	0.81	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Copper	34.8	F1	1.8	0.33	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Iron	20100		53.6	18.1	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Potassium	1590	F1	89.4	14.5	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Magnesium	3520		89.4	9.1	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Manganese	259		3.6	0.36	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Sodium	108		89.4	40.8	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Nickel	13.2		1.8	0.42	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Lead	130		0.54	0.18	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Antimony	0.81	J	0.89	0.13	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Selenium	0.28	J	1.1	0.11	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Thallium	0.13	J	0.36	0.037	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Vanadium	30.9		1.8	0.18	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	1
Zinc	114		7.1	2.7	mg/Kg	☆	10/13/22 20:10	10/14/22 17:38	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		10/14/22 16:28	10/17/22 13:04	10
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 13:04	10
Barium	0.58		0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 13:04	10
Cadmium	0.0050	J	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 13:04	10
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 13:04	10
Lead	0.24		0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 13:04	10
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 13:04	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		10/14/22 14:34	10/14/22 15:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.27		0.017	0.0081	mg/Kg	☆	10/13/22 00:14	10/13/22 04:30	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF			SU			10/18/22 13:53	1
Temperature (SW846 9045D)	21.4	HF			Degrees C			10/18/22 13:53	1
Corrosivity (SW846 9045D)	8.3	HF			SU			10/18/22 13:53	1

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Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-C

Lab Sample ID: 460-267298-12

Date Collected: 10/11/22 14:30

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 90.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.13	U	0.24	0.13	mg/L	☼	10/15/22 19:18	10/16/22 13:52	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			10/17/22 11:35	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			10/14/22 15:10	1
Percent Moisture (EPA Moisture)	9.8		1.0	1.0	%			10/13/22 07:50	1
Percent Solids (EPA Moisture)	90.2		1.0	1.0	%			10/13/22 07:50	1
Total Volatile Solids (SM 2540G)	2.6		0.10	0.10	%			10/13/22 13:01	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	4.9				%			10/20/22 16:07	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			10/20/22 16:07	1
Sand	51.7				%			10/20/22 16:07	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			10/20/22 16:07	1
Coarse Sand	5.2				%			10/20/22 16:07	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			10/20/22 16:07	1
Medium Sand	18.9				%			10/20/22 16:07	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			10/20/22 16:07	1
Fine Sand	27.6				%			10/20/22 16:07	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			10/20/22 16:07	1
Fines	43.4				%			10/20/22 16:07	1
Sieve Size 0.375 inch - Percent Finer	98.6				% Passing			10/20/22 16:07	1
Sieve Size #4 - Percent Finer	95.1				% Passing			10/20/22 16:07	1
Sieve Size #10 - Percent Finer	89.9				% Passing			10/20/22 16:07	1
Sieve Size #20 - Percent Finer	82.8				% Passing			10/20/22 16:07	1
Sieve Size #40 - Percent Finer	71.0				% Passing			10/20/22 16:07	1
Sieve Size #60 - Percent Finer	58.9				% Passing			10/20/22 16:07	1
Sieve Size #80 - Percent Finer	53.5				% Passing			10/20/22 16:07	1
Sieve Size #100 - Percent Finer	50.7				% Passing			10/20/22 16:07	1
Sieve Size #200 - Percent Finer	43.4				% Passing			10/20/22 16:07	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-267298-13

Date Collected: 10/11/22 14:30

Matrix: Water

Date Received: 10/11/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.51	J	1.0	0.40	ug/L			10/13/22 13:47	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/13/22 13:47	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			10/13/22 13:47	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/13/22 13:47	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/13/22 13:47	1
Acetone	4.4	U	5.0	4.4	ug/L			10/13/22 13:47	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/13/22 13:47	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/13/22 13:47	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/13/22 13:47	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			10/13/22 13:47	1

Euromins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-267298-13

Date Collected: 10/11/22 14:30

Matrix: Water

Date Received: 10/11/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/13/22 13:47	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			10/13/22 13:47	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/13/22 13:47	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/13/22 13:47	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/13/22 13:47	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/13/22 13:47	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/13/22 13:47	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/13/22 13:47	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/13/22 13:47	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/13/22 13:47	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/13/22 13:47	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/13/22 13:47	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/13/22 13:47	1
Benzene	0.20	U	1.0	0.20	ug/L			10/13/22 13:47	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/13/22 13:47	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/13/22 13:47	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/13/22 13:47	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/13/22 13:47	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/13/22 13:47	1
1,1,1,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/13/22 13:47	1
Toluene	0.38	U	1.0	0.38	ug/L			10/13/22 13:47	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/13/22 13:47	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/13/22 13:47	1
Styrene	0.42	U	1.0	0.42	ug/L			10/13/22 13:47	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/13/22 13:47	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/13/22 13:47	1
Acrolein	2.4	U**	4.0	2.4	ug/L			10/13/22 13:47	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/13/22 13:47	1
TBA	8.3	U	10	8.3	ug/L			10/13/22 13:47	1
Acrylonitrile	1.8	U	2.0	1.8	ug/L			10/13/22 13:47	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/13/22 13:47	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/13/22 13:47	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/13/22 13:47	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/13/22 13:47	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/13/22 13:47	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/13/22 13:47	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/13/22 13:47	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/13/22 13:47	1
1,4-Dioxane	28	U	50	28	ug/L			10/13/22 13:47	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/13/22 13:47	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/13/22 13:47	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/13/22 13:47	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/13/22 13:47	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/13/22 13:47	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/13/22 13:47	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/13/22 13:47	1

Eurofins Edison

Client Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-267298-13

Date Collected: 10/11/22 14:30

Matrix: Water

Date Received: 10/11/22 20:00

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	96		70 - 128		10/13/22 13:47	1
Toluene-d8 (Surr)	106		80 - 120		10/13/22 13:47	1
4-Bromofluorobenzene	103		76 - 120		10/13/22 13:47	1
Dibromofluoromethane (Surr)	109		77 - 124		10/13/22 13:47	1

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	B-17-C
Lab Sample ID	460-267298-L-2

Date Received	10/11/2022
Start Date	10/20/2022 15:59
End Date	10/21/2022 14:30

Dry Weight Determination

Tin Weight	0.98 g
Wet Sample + Tin	15.76 g
Dry Sample + Tin	13.82 g
% Moisture	13.13 %

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

Date/Time in oven	10/20/2022 16:00
Date/Time out of oven	10/21/2022 13:42

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.83	218.55	170.72
Sample Weight (Oven Dried)			148

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			31.1
Sample <#10			117
% Passing #10			68.5

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	447.18	462.53	15.35 g	89.6	Gravel	
#4	4750	487.96	495.63	7.67 g	84.4	Gravel	
#10	2000	462.53	470.64	8.11 g	78.9	Sand	Coarse
#20	850	377.17	386.79	9.62 g	72.4	Sand	Medium
#40	425	365.41	380.03	14.62 g	62.5	Sand	Medium
#60	250	347.39	363.52	16.13 g	51.6	Sand	Fine
#80	180	336.52	342.13	5.61 g	47.8	Sand	Fine
#100	150	326.89	331.63	4.74 g	44.6	Sand	Fine
#200	75	312.09	320.51	8.42 g	38.9	Sand	Fine
				0.00 g	38.9		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	148
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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-16-C
Lab Sample ID	460-267298-N-4

Date Received	10/11/2022
Start Date	10/20/2022 16:01
End Date	10/21/2022 14:34

Dry Weight Determination

Tin Weight	0.96 g
Wet Sample + Tin	25.35 g
Dry Sample + Tin	22.46 g
% Moisture	11.85 %

Non-soil material:	slag
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	10/20/2022 16:02
Date/Time out of oven	10/21/2022 13:43

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	44.07	189.12	145.05
Sample Weight (Oven Dried)			128

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			19.4
Sample <#10			109
% Passing #10			75.1

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	452.20	5.02 g	96.1	Gravel	
#4	4750	487.96	494.64	6.68 g	90.9	Gravel	
#10	2000	462.53	470.22	7.69 g	84.9	Sand	Coarse
#20	850	372.65	379.59	6.94 g	79.5	Sand	Medium
#40	425	360.81	370.86	10.05 g	71.6	Sand	Medium
#60	250	351.10	363.43	12.33 g	62.0	Sand	Fine
#80	180	318.33	324.25	5.92 g	57.4	Sand	Fine
#100	150	327.46	330.55	3.09 g	55.0	Sand	Fine
#200	75	313.45	323.01	9.56 g	47.5	Sand	Fine
				0.00 g	47.5		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	128
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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-15-C
Lab Sample ID	460-267298-M-6

Date Received	10/11/2022
Start Date	10/20/2022 16:02
End Date	10/21/2022 14:44

Dry Weight Determination

Tin Weight	0.97 g
Wet Sample + Tin	21.90 g
Dry Sample + Tin	19.07 g
% Moisture	13.52 %

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

Date/Time in oven	10/20/2022 16:04
Date/Time out of oven	10/21/2022 13:43

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	44.03	189.31	145.28
Sample Weight (Oven Dried)			126

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			17.5
Sample <#10			109
% Passing #10			75

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	447.94	0.76 g	99.4	Gravel	
#4	4750	487.96	495.99	8.03 g	93.0	Gravel	
#10	2000	462.53	471.19	8.66 g	86.1	Sand	Coarse
#20	850	377.17	386.70	9.53 g	78.5	Sand	Medium
#40	425	365.41	379.20	13.79 g	67.6	Sand	Medium
#60	250	347.39	362.12	14.73 g	55.9	Sand	Fine
#80	180	336.52	342.11	5.59 g	51.5	Sand	Fine
#100	150	326.89	331.84	4.95 g	47.6	Sand	Fine
#200	75	312.09	321.01	8.92 g	40.5	Sand	Fine
				0.00 g	40.5		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	126
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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-14-C
Lab Sample ID	460-267298-F-8

Date Received	10/11/2022
Start Date	10/20/2022 16:04
End Date	10/21/2022 14:47

Dry Weight Determination

Tin Weight	0.96 g
Wet Sample + Tin	20.65 g
Dry Sample + Tin	18.53 g
% Moisture	10.77 %

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

Date/Time in oven	10/20/2022 16:05
Date/Time out of oven	10/21/2022 13:43

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.84	199.45	151.61
Sample Weight (Oven Dried)			135

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			20.2
Sample <#10			115
% 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	451.45	4.27 g	96.8	Gravel	
#4	4750	487.96	495.70	7.74 g	91.1	Gravel	
#10	2000	462.53	470.74	8.21 g	85.0	Sand	Coarse
#20	850	372.65	382.10	9.45 g	78.0	Sand	Medium
#40	425	360.81	374.28	13.47 g	68.0	Sand	Medium
#60	250	351.10	365.29	14.19 g	57.5	Sand	Fine
#80	180	318.33	324.75	6.42 g	52.7	Sand	Fine
#100	150	327.46	330.86	3.40 g	50.2	Sand	Fine
#200	75	313.45	322.69	9.24 g	43.4	Sand	Fine
				0.00 g	43.4		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	135
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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-02-C
Lab Sample ID	460-267298-F-10

Date Received	10/11/2022
Start Date	10/20/2022 16:06
End Date	10/21/2022 14:57

Dry Weight Determination

Tin Weight	0.97 g
Wet Sample + Tin	18.33 g
Dry Sample + Tin	15.82 g
% Moisture	14.46 %

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

Date/Time in oven	10/20/2022 16:07
Date/Time out of oven	10/21/2022 13:44

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.81	201.60	153.79
Sample Weight (Oven Dried)			132

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			21.7
Sample <#10			110
% Passing #10			71.5

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	447.18	454.53	7.35 g	94.4	Gravel	
#4	4750	487.96	493.40	5.44 g	90.3	Gravel	
#10	2000	462.53	471.40	8.87 g	83.6	Sand	Coarse
#20	850	377.17	386.41	9.24 g	76.6	Sand	Medium
#40	425	365.41	377.53	12.12 g	67.4	Sand	Medium
#60	250	347.39	359.56	12.17 g	58.2	Sand	Fine
#80	180	336.52	341.46	4.94 g	54.5	Sand	Fine
#100	150	326.89	331.26	4.37 g	51.2	Sand	Fine
#200	75	312.09	321.22	9.13 g	44.3	Sand	Fine
				0.00 g	44.3		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	132
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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-03-C
Lab Sample ID	460-267298-F-12

Date Received	10/11/2022
Start Date	10/20/2022 16:07
End Date	10/21/2022 15:01

Dry Weight Determination

Tin Weight	0.98 g
Wet Sample + Tin	21.34 g
Dry Sample + Tin	19.34 g
% Moisture	9.82 %

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

Date/Time in oven	10/20/2022 16:08
Date/Time out of oven	10/21/2022 13:44

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	44.09	182.13	138.04
Sample Weight (Oven Dried)			124

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			12.7
Sample <#10			111
% Passing #10			80.4

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	448.92	1.74 g	98.6	Gravel	
#4	4750	487.96	492.36	4.40 g	95.1	Gravel	
#10	2000	462.53	469.04	6.51 g	89.9	Sand	Coarse
#20	850	372.65	381.41	8.76 g	82.8	Sand	Medium
#40	425	360.81	375.48	14.67 g	71.0	Sand	Medium
#60	250	351.10	366.14	15.04 g	58.9	Sand	Fine
#80	180	318.33	325.05	6.72 g	53.5	Sand	Fine
#100	150	327.46	330.94	3.48 g	50.7	Sand	Fine
#200	75	313.45	322.47	9.02 g	43.4	Sand	Fine
				0.00 g	43.4		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	124
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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	

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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 (70-128)	TOL (80-120)	BFB (76-120)	DBFM (77-124)
LCS 460-872203/4	Lab Control Sample	106	107	100	103
LCSD 460-872203/5	Lab Control Sample Dup	111	107	101	105
MB 460-872203/9	Method Blank	115	100	96	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 (68-150)	TOL (80-147)	BFB (70-150)	DBFM (68-150)
460-267298-1	B-17-G	103	105	99	102
LCS 460-871912/3	Lab Control Sample	87	96	95	89
LCSD 460-871912/4	Lab Control Sample Dup	99	96	94	100
MB 460-871912/8	Method Blank	89	92	90	89

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 (72-145)	TOL (80-120)	BFB (75-139)	DBFM (73-139)
460-267298-3	B-16-G	113	95	102	111
460-267298-5	B-15-G	108	96	98	110
460-267298-7	B-14-G	109	95	98	113
460-267298-9	B-02-G	110	94	102	113
460-267298-11	B-03-G	106	96	103	112
LCS 460-871784/4	Lab Control Sample	103	97	102	107
LCS 460-871870/4	Lab Control Sample	119	99	103	108
LCSD 460-871784/5	Lab Control Sample Dup	104	101	102	109
LCSD 460-871870/5	Lab Control Sample Dup	118	97	102	108
MB 460-871784/9	Method Blank	98	95	100	107
MB 460-871870/9	Method Blank	117	93	99	109

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

Job ID: 460-267298-1

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	BFB	DBFM	TOL
		(70-128)	(76-120)	(77-124)	(80-120)
460-267298-1	B-17-G	111	98	105	104
460-267298-3	B-16-G	94	81	88	86
460-267298-5	B-15-G	115	95	106	103
460-267298-7	B-14-G	113	96	106	102
460-267298-9	B-02-G	114	96	106	105
460-267298-11	B-03-G	112	97	104	104
LB 460-871959/1-A	Method Blank	117	97	109	103

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	TOL	BFB	DBFM
		(70-128)	(80-120)	(76-120)	(77-124)
460-267204-A-2 MS	Matrix Spike	83	105	110	103
460-267204-A-2 MSD	Matrix Spike Duplicate	84	103	112	106
460-267298-13	TRIP BLANK	96	106	103	109
LCS 460-871634/7	Lab Control Sample	80	102	114	103
MB 460-871634/11	Method Blank	83	101	113	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NBZ	PHL	TPHL	TBP	2FP	FBP
		(16-125)	(23-120)	(25-126)	(10-123)	(18-123)	(22-122)
460-267187-F-10-E MS	Matrix Spike	75	82	78	95	78	81
460-267187-F-10-F MSD	Matrix Spike Duplicate	78	88	87	101	83	86
460-267298-2	B-17-C	75	85	89	104	83	86
460-267298-4	B-16-C	72	77	87	93	74	84
460-267298-6	B-15-C	68	67	94	82	67	81
460-267298-8	B-14-C	63	69	71	85	67	73
460-267298-10	B-02-C	74	72	94	85	73	87
460-267298-12	B-03-C	74	84	83	100	80	84
LCS 460-871469/2-A	Lab Control Sample	93	99	115	120	96	101
LCS 460-871469/3-A	Lab Control Sample Dup	92	97	115	116	96	102
MB 460-871469/1-A	Method Blank	89	91	116	114	91	100

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

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Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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 460-871940/2-A	Lab Control Sample	95	27	77	132	43	99
LCSD 460-871940/3-A	Lab Control Sample Dup	94	28	77	131	43	99
MB 460-871940/1-A	Method Blank	92	30	75	123	44	97

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: 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)
460-267298-2	B-17-C	82	63	39	59	28	51
460-267298-4	B-16-C	140	106	66	100	46	89
460-267298-6	B-15-C	136	105	49	99	33	73
460-267298-8	B-14-C	141	110	51	100	43	83
460-267298-10	B-02-C	127	100	43	96	27	74
460-267298-12	B-03-C	138	103	46	99	30	76
LB 460-871830/1-B	Method Blank	121	95	43	89	29	91

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)
180-145945-A-63-A MS	Matrix Spike	113	158 S1+	96	109
180-145945-A-63-B MSD	Matrix Spike Duplicate	106	148	92	103
460-267298-2	B-17-C	122	173 S1+	107	123
460-267298-4	B-16-C	131	191 S1+	116	131
460-267298-6	B-15-C	126	182 S1+	109	126
460-267298-8	B-14-C	109	159 S1+	94	107

Eurofins Edison

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

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)
460-267298-10	B-02-C	100	143	85	97
460-267298-12	B-03-C	120	171 S1+	105	116
LCS 460-871557/2-A	Lab Control Sample	89	126	79	87
LCS 460-871557/3-A	Lab Control Sample Dup	94	132	80	91
MB 460-871557/1-A	Method Blank	98	139	86	96

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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 460-871988/2-A	Lab Control Sample	58	82	45	46
LCS 460-872490/2-A	Lab Control Sample	86	123 S1+	73	81
LCS 460-871988/3-A	Lab Control Sample Dup	61	86	38	42
LCS 460-872490/3-A	Lab Control Sample Dup	91	130 S1+	75	84
MB 460-871988/1-A	Method Blank	91	126 S1+	33	36
MB 460-872490/1-A	Method Blank	93	131 S1+	71	81

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)
460-267298-2	B-17-C	86	120	55	61
460-267298-4	B-16-C	89	122 S1+	48	53
460-267298-6	B-15-C	89	124 S1+	52	56
460-267298-8	B-14-C	86	121	49	56
460-267298-10	B-02-C	82	112	53	62
460-267298-12	B-03-C	61	59	41	44
LB 460-871830/1-D	Method Blank	97	133 S1+	46	52

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)
460-267298-2	B-17-C	134	137	119	126
460-267298-4	B-16-C	144	147	127	134

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Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

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)
460-267298-6	B-15-C	140	144	124	133
460-267298-8	B-14-C	124	122	108	114
460-267298-10	B-02-C	170 S1+	178 S1+	141	154 S1+
460-267298-12	B-03-C	147	153 S1+	126	133
460-267313-A-2-B MS	Matrix Spike	93	99	91	96
460-267313-A-2-C MSD	Matrix Spike Duplicate	86	91	85	89
LCS 460-871554/2-A	Lab Control Sample	106	101	96	99
LCSD 460-871554/3-A	Lab Control Sample Dup	106	104	97	99
MB 460-871554/1-A	Method Blank	98	117	79	109

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1 (27-150)	DCPAA2 (27-150)
460-267187-F-10-H MS	Matrix Spike	103	99
460-267187-F-10-I MSD	Matrix Spike Duplicate	101	101
460-267298-2	B-17-C	117	92
460-267298-4	B-16-C	103	93
460-267298-6	B-15-C	98	94
460-267298-8	B-14-C	111	99
460-267298-10	B-02-C	108	83
460-267298-12	B-03-C	117	112
LCS 460-871480/2-A	Lab Control Sample	105	102
LCSD 460-871480/3-A	Lab Control Sample Dup	106	104
MB 460-871480/1-A	Method Blank	35	35

Surrogate Legend
DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1 (10-150)	DCPAA2 (10-150)
LCS 460-871941/2-A	Lab Control Sample	62	61
LCSD 460-871941/3-A	Lab Control Sample Dup	63	61
MB 460-871941/1-A	Method Blank	19	19

Surrogate Legend
DCPAA = 2,4-Dichlorophenylacetic acid

Surrogate Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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)
460-267298-2	B-17-C	26	25
460-267298-4	B-16-C	28	28
460-267298-6	B-15-C	30	30
460-267298-8	B-14-C	28	28
460-267298-10	B-02-C	27	27
460-267298-12	B-03-C	26	26
LB 460-871830/1-C	Method Blank	26	25

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)
460-267298-2	B-17-C	49	56
460-267298-4	B-16-C	59	68
460-267298-6	B-15-C	63	56
460-267298-8	B-14-C	61	63
460-267298-10	B-02-C	70	177 S1+
460-267298-12	B-03-C	59	113
LCS 460-871719/2-A	Lab Control Sample	72	115
LCSD 460-871719/3-A	Lab Control Sample Dup	91	150 S1+
MB 460-871719/1-A	Method Blank	89	93

Surrogate Legend

OTPH = o-Terphenyl

1COD = 1-Chlorooctadecane

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871634/11
Matrix: Water
Analysis Batch: 871634

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			10/13/22 09:55	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/13/22 09:55	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/13/22 09:55	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/13/22 09:55	1
Acetone	4.4	U	5.0	4.4	ug/L			10/13/22 09:55	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/13/22 09:55	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/13/22 09:55	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/13/22 09:55	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			10/13/22 09:55	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/13/22 09:55	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			10/13/22 09:55	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/13/22 09:55	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			10/13/22 09:55	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/13/22 09:55	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/13/22 09:55	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/13/22 09:55	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/13/22 09:55	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/13/22 09:55	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/13/22 09:55	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/13/22 09:55	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/13/22 09:55	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/13/22 09:55	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/13/22 09:55	1
Benzene	0.20	U	1.0	0.20	ug/L			10/13/22 09:55	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/13/22 09:55	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/13/22 09:55	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/13/22 09:55	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/13/22 09:55	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/13/22 09:55	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/13/22 09:55	1
Toluene	0.38	U	1.0	0.38	ug/L			10/13/22 09:55	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/13/22 09:55	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/13/22 09:55	1
Styrene	0.42	U	1.0	0.42	ug/L			10/13/22 09:55	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/13/22 09:55	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/13/22 09:55	1
Acrolein	2.4	U	4.0	2.4	ug/L			10/13/22 09:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/13/22 09:55	1
TBA	8.3	U	10	8.3	ug/L			10/13/22 09:55	1
Acrylonitrile	1.8	U	2.0	1.8	ug/L			10/13/22 09:55	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/13/22 09:55	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/13/22 09:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/13/22 09:55	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/13/22 09:55	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/13/22 09:55	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/13/22 09:55	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/13/22 09:55	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/13/22 09:55	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871634/11
Matrix: Water
Analysis Batch: 871634

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			10/13/22 09:55	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/13/22 09:55	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/13/22 09:55	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/13/22 09:55	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/13/22 09:55	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/13/22 09:55	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/13/22 09:55	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/13/22 09:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		70 - 128		10/13/22 09:55	1
Toluene-d8 (Surr)	101		80 - 120		10/13/22 09:55	1
4-Bromofluorobenzene	113		76 - 120		10/13/22 09:55	1
Dibromofluoromethane (Surr)	107		77 - 124		10/13/22 09:55	1

Lab Sample ID: LCS 460-871634/7
Matrix: Water
Analysis Batch: 871634

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	16.1		ug/L		81	43 - 150
Bromomethane	20.0	23.8		ug/L		119	32 - 150
Chloroethane	20.0	18.2		ug/L		91	42 - 150
Methylene Chloride	20.0	19.4		ug/L		97	74 - 127
Acetone	100	86.9		ug/L		87	61 - 134
Carbon disulfide	20.0	18.1		ug/L		90	64 - 138
Trichlorofluoromethane	20.0	14.9		ug/L		75	50 - 150
1,1-Dichloroethene	20.0	19.8		ug/L		99	68 - 133
1,1-Dichloroethane	20.0	19.0		ug/L		95	73 - 130
trans-1,2-Dichloroethene	20.0	19.9		ug/L		100	74 - 126
cis-1,2-Dichloroethene	20.0	21.3		ug/L		107	78 - 121
Chloroform	20.0	18.6		ug/L		93	78 - 125
Vinyl chloride	20.0	17.0		ug/L		85	55 - 144
1,2-Dichloroethane	20.0	16.4		ug/L		82	66 - 129
2-Butanone (MEK)	100	106		ug/L		106	61 - 128
1,1,1-Trichloroethane	20.0	17.7		ug/L		89	68 - 128
Carbon tetrachloride	20.0	18.3		ug/L		91	61 - 131
Dichlorobromomethane	20.0	17.2		ug/L		86	76 - 121
1,2-Dichloropropane	20.0	18.3		ug/L		92	68 - 128
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	74 - 125
Trichloroethene	20.0	18.6		ug/L		93	71 - 121
Chlorodibromomethane	20.0	20.1		ug/L		101	62 - 130
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	74 - 125
Benzene	20.0	20.2		ug/L		101	71 - 126
trans-1,3-Dichloropropene	20.0	16.0		ug/L		80	66 - 127
Bromoform	20.0	22.3		ug/L		112	48 - 144

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871634/7
Matrix: Water
Analysis Batch: 871634

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	110		ug/L		110	69 - 128
2-Hexanone	100	89.9		ug/L		90	61 - 134
Tetrachloroethene	20.0	22.4		ug/L		112	70 - 127
1,1,2,2-Tetrachloroethane	20.0	18.5		ug/L		92	63 - 139
Toluene	20.0	19.7		ug/L		99	78 - 120
Chlorobenzene	20.0	20.6		ug/L		103	80 - 120
Ethylbenzene	20.0	20.7		ug/L		103	78 - 120
Styrene	20.0	19.2		ug/L		96	75 - 127
m-Xylene & p-Xylene	20.0	20.2		ug/L		101	78 - 120
o-Xylene	20.0	20.6		ug/L		103	78 - 120
Acrolein	40.0	75.9	*+	ug/L		190	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.7		ug/L		88	51 - 142
TBA	200	215		ug/L		107	67 - 126
Acrylonitrile	200	194		ug/L		97	57 - 146
Methyl tert-butyl ether	20.0	20.0		ug/L		100	72 - 131
Cyclohexane	20.0	18.8		ug/L		94	60 - 133
Ethylene Dibromide	20.0	19.7		ug/L		99	79 - 126
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
1,4-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 120
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	80 - 120
Dichlorodifluoromethane	20.0	13.1		ug/L		65	33 - 150
1,2,4-Trichlorobenzene	20.0	25.0		ug/L		125	67 - 132
1,4-Dioxane	400	513		ug/L		128	62 - 142
1,2,3-Trichlorobenzene	20.0	25.0		ug/L		125	56 - 144
1,2-Dibromo-3-Chloropropane	20.0	22.1		ug/L		111	58 - 132
Chlorobromomethane	20.0	22.1		ug/L		111	67 - 126
Isopropylbenzene	20.0	20.4		ug/L		102	79 - 125
Methyl acetate	40.0	39.7		ug/L		99	55 - 146
Methylcyclohexane	20.0	17.3		ug/L		86	54 - 139

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 128
Toluene-d8 (Surr)	102		80 - 120
4-Bromofluorobenzene	114		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: 460-267204-A-2 MS
Matrix: Water
Analysis Batch: 871634

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	16.7		ug/L		84	43 - 150
Bromomethane	0.55	U	20.0	21.8		ug/L		109	32 - 150
Chloroethane	0.32	U	20.0	18.8		ug/L		94	42 - 150
Methylene Chloride	0.32	U	20.0	18.1		ug/L		91	74 - 127
Acetone	4.4	U	100	66.2		ug/L		66	61 - 134
Carbon disulfide	0.82	U	20.0	17.8		ug/L		89	64 - 138
Trichlorofluoromethane	0.32	U	20.0	16.8		ug/L		84	50 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267204-A-2 MS

Matrix: Water

Analysis Batch: 871634

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	21.3		ug/L		106	68 - 133
1,1-Dichloroethane	0.26	U	20.0	18.3		ug/L		92	73 - 130
trans-1,2-Dichloroethene	0.24	U	20.0	20.3		ug/L		101	74 - 126
cis-1,2-Dichloroethene	0.22	U	20.0	19.5		ug/L		97	78 - 121
Chloroform	0.33	U	20.0	17.5		ug/L		88	78 - 125
Vinyl chloride	0.17	U	20.0	18.3		ug/L		91	55 - 144
1,2-Dichloroethane	0.43	U	20.0	14.9		ug/L		74	66 - 129
2-Butanone (MEK)	1.9	U	100	90.1		ug/L		90	61 - 128
1,1,1-Trichloroethane	0.24	U	20.0	17.7		ug/L		88	68 - 128
Carbon tetrachloride	0.21	U	20.0	18.7		ug/L		94	61 - 131
Dichlorobromomethane	0.34	U	20.0	15.5		ug/L		78	76 - 121
1,2-Dichloropropane	0.35	U	20.0	17.1		ug/L		86	68 - 128
cis-1,3-Dichloropropene	0.22	U	20.0	15.9		ug/L		80	74 - 125
Trichloroethene	0.31	U	20.0	18.1		ug/L		91	71 - 121
Chlorodibromomethane	0.28	U	20.0	17.1		ug/L		85	62 - 130
1,1,2-Trichloroethane	0.20	U	20.0	16.9		ug/L		85	74 - 125
Benzene	0.20	U	20.0	20.0		ug/L		100	71 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	14.4		ug/L		72	66 - 127
Bromoform	0.54	U	20.0	18.2		ug/L		91	48 - 144
4-Methyl-2-pentanone (MIBK)	1.3	U	100	93.7		ug/L		94	69 - 128
2-Hexanone	1.1	U	100	74.7		ug/L		75	61 - 134
Tetrachloroethene	0.25	U	20.0	22.6		ug/L		113	70 - 127
1,1,2,2-Tetrachloroethane	0.37	U	20.0	16.0		ug/L		80	63 - 139
Toluene	0.38	U	20.0	18.9		ug/L		95	78 - 120
Chlorobenzene	0.38	U	20.0	19.2		ug/L		96	80 - 120
Ethylbenzene	0.30	J	20.0	20.0		ug/L		100	78 - 120
Styrene	0.42	U	20.0	17.6		ug/L		88	75 - 127
m-Xylene & p-Xylene	0.30	U	20.0	19.6		ug/L		98	78 - 120
o-Xylene	0.36	U	20.0	19.3		ug/L		97	78 - 120
Acrolein	2.4	U F1 **	40.0	105	F1	ug/L		263	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	21.3		ug/L		107	51 - 142
TBA	8.3	U	200	163		ug/L		82	67 - 126
Acrylonitrile	1.8	U	200	167		ug/L		83	57 - 146
Methyl tert-butyl ether	0.22	U	20.0	17.4		ug/L		87	72 - 131
Cyclohexane	0.32	U	20.0	21.8		ug/L		109	60 - 133
Ethylene Dibromide	0.50	U	20.0	16.5		ug/L		83	79 - 126
1,3-Dichlorobenzene	0.34	U	20.0	18.9		ug/L		95	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	19.2		ug/L		96	80 - 120
1,2-Dichlorobenzene	0.21	U	20.0	19.3		ug/L		96	80 - 120
Dichlorodifluoromethane	0.31	U	20.0	17.3		ug/L		87	33 - 150
1,2,4-Trichlorobenzene	0.37	U	20.0	21.8		ug/L		109	67 - 132
1,4-Dioxane	28	U F2	400	313		ug/L		78	62 - 142
1,2,3-Trichlorobenzene	0.36	U	20.0	21.7		ug/L		108	56 - 144
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	17.9		ug/L		89	58 - 132
Chlorobromomethane	0.41	U	20.0	19.6		ug/L		98	67 - 126
Isopropylbenzene	0.34	U	20.0	20.1		ug/L		100	79 - 125
Methyl acetate	0.79	U	40.0	32.8		ug/L		82	55 - 146
Methylcyclohexane	0.71	U	20.0	20.1		ug/L		100	54 - 139

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 128
Toluene-d8 (Surr)	105		80 - 120
4-Bromofluorobenzene	110		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: 460-267204-A-2 MSD
Matrix: Water
Analysis Batch: 871634

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	17.5		ug/L		87	43 - 150	4	30
Bromomethane	0.55	U	20.0	23.3		ug/L		117	32 - 150	7	30
Chloroethane	0.32	U	20.0	18.6		ug/L		93	42 - 150	1	30
Methylene Chloride	0.32	U	20.0	19.2		ug/L		96	74 - 127	6	30
Acetone	4.4	U	100	78.5		ug/L		79	61 - 134	17	30
Carbon disulfide	0.82	U	20.0	18.3		ug/L		91	64 - 138	3	30
Trichlorofluoromethane	0.32	U	20.0	17.2		ug/L		86	50 - 150	3	30
1,1-Dichloroethene	0.26	U	20.0	20.9		ug/L		105	68 - 133	2	30
1,1-Dichloroethane	0.26	U	20.0	19.3		ug/L		97	73 - 130	5	30
trans-1,2-Dichloroethene	0.24	U	20.0	20.8		ug/L		104	74 - 126	2	30
cis-1,2-Dichloroethene	0.22	U	20.0	21.1		ug/L		106	78 - 121	8	30
Chloroform	0.33	U	20.0	18.6		ug/L		93	78 - 125	6	30
Vinyl chloride	0.17	U	20.0	18.1		ug/L		90	55 - 144	1	30
1,2-Dichloroethane	0.43	U	20.0	15.8		ug/L		79	66 - 129	6	30
2-Butanone (MEK)	1.9	U	100	97.1		ug/L		97	61 - 128	7	30
1,1,1-Trichloroethane	0.24	U	20.0	18.3		ug/L		91	68 - 128	4	30
Carbon tetrachloride	0.21	U	20.0	19.1		ug/L		96	61 - 131	2	30
Dichlorobromomethane	0.34	U	20.0	16.9		ug/L		84	76 - 121	8	30
1,2-Dichloropropane	0.35	U	20.0	17.9		ug/L		90	68 - 128	5	30
cis-1,3-Dichloropropene	0.22	U	20.0	17.0		ug/L		85	74 - 125	7	30
Trichloroethene	0.31	U	20.0	18.4		ug/L		92	71 - 121	2	30
Chlorodibromomethane	0.28	U	20.0	18.7		ug/L		94	62 - 130	9	30
1,1,2-Trichloroethane	0.20	U	20.0	18.3		ug/L		91	74 - 125	8	30
Benzene	0.20	U	20.0	20.8		ug/L		104	71 - 126	4	30
trans-1,3-Dichloropropene	0.22	U	20.0	15.8		ug/L		79	66 - 127	9	30
Bromoform	0.54	U	20.0	20.0		ug/L		100	48 - 144	9	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	101		ug/L		101	69 - 128	7	30
2-Hexanone	1.1	U	100	80.6		ug/L		81	61 - 134	8	30
Tetrachloroethene	0.25	U	20.0	22.9		ug/L		114	70 - 127	1	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.3		ug/L		87	63 - 139	8	30
Toluene	0.38	U	20.0	19.7		ug/L		99	78 - 120	4	30
Chlorobenzene	0.38	U	20.0	20.5		ug/L		103	80 - 120	7	30
Ethylbenzene	0.30	J	20.0	20.9		ug/L		104	78 - 120	4	30
Styrene	0.42	U	20.0	18.4		ug/L		92	75 - 127	4	30
m-Xylene & p-Xylene	0.30	U	20.0	20.3		ug/L		101	78 - 120	4	30
o-Xylene	0.36	U	20.0	20.9		ug/L		104	78 - 120	8	30
Acrolein	2.4	U F1 **	40.0	115	F1	ug/L		288	10 - 150	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	20.6		ug/L		103	51 - 142	4	30
TBA	8.3	U	200	190		ug/L		95	67 - 126	15	30
Acrylonitrile	1.8	U	200	181		ug/L		90	57 - 146	8	30
Methyl tert-butyl ether	0.22	U	20.0	18.8		ug/L		94	72 - 131	8	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267204-A-2 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 871634

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Added	Result				Qualifier		Limits
Cyclohexane	0.32	U	20.0	21.5		ug/L		107	60 - 133	1	30
Ethylene Dibromide	0.50	U	20.0	17.9		ug/L		90	79 - 126	8	30
1,3-Dichlorobenzene	0.34	U	20.0	20.5		ug/L		103	80 - 120	8	30
1,4-Dichlorobenzene	0.33	U	20.0	20.3		ug/L		101	80 - 120	6	30
1,2-Dichlorobenzene	0.21	U	20.0	20.7		ug/L		103	80 - 120	7	30
Dichlorodifluoromethane	0.31	U	20.0	17.2		ug/L		86	33 - 150	1	30
1,2,4-Trichlorobenzene	0.37	U	20.0	23.8		ug/L		119	67 - 132	9	30
1,4-Dioxane	28	U F2	400	443	F2	ug/L		111	62 - 142	34	30
1,2,3-Trichlorobenzene	0.36	U	20.0	23.4		ug/L		117	56 - 144	8	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	19.4		ug/L		97	58 - 132	8	30
Chlorobromomethane	0.41	U	20.0	21.5		ug/L		108	67 - 126	9	30
Isopropylbenzene	0.34	U	20.0	21.1		ug/L		105	79 - 125	5	30
Methyl acetate	0.79	U	40.0	35.3		ug/L		88	55 - 146	7	30
Methylcyclohexane	0.71	U	20.0	20.0		ug/L		100	54 - 139	0	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	84		70 - 128
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene	112		76 - 120
Dibromofluoromethane (Surr)	106		77 - 124

Lab Sample ID: MB 460-871784/9

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 871784

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			10/13/22 18:55	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			10/13/22 18:55	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			10/13/22 18:55	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			10/13/22 18:55	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			10/13/22 18:55	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			10/13/22 18:55	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			10/13/22 18:55	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			10/13/22 18:55	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/13/22 18:55	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			10/13/22 18:55	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			10/13/22 18:55	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			10/13/22 18:55	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			10/13/22 18:55	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/13/22 18:55	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			10/13/22 18:55	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			10/13/22 18:55	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			10/13/22 18:55	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			10/13/22 18:55	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			10/13/22 18:55	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/13/22 18:55	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			10/13/22 18:55	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			10/13/22 18:55	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871784/9
Matrix: Solid
Analysis Batch: 871784

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			10/13/22 18:55	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			10/13/22 18:55	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/13/22 18:55	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			10/13/22 18:55	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			10/13/22 18:55	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			10/13/22 18:55	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			10/13/22 18:55	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/13/22 18:55	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			10/13/22 18:55	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/13/22 18:55	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			10/13/22 18:55	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			10/13/22 18:55	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			10/13/22 18:55	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			10/13/22 18:55	1
Acrolein	0.028	U	0.10	0.028	mg/Kg			10/13/22 18:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/13/22 18:55	1
TBA	0.0078	U	0.010	0.0078	mg/Kg			10/13/22 18:55	1
Acrylonitrile	0.0049	U	0.010	0.0049	mg/Kg			10/13/22 18:55	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			10/13/22 18:55	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			10/13/22 18:55	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			10/13/22 18:55	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			10/13/22 18:55	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			10/13/22 18:55	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/13/22 18:55	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			10/13/22 18:55	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/13/22 18:55	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg			10/13/22 18:55	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/13/22 18:55	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			10/13/22 18:55	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			10/13/22 18:55	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			10/13/22 18:55	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			10/13/22 18:55	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			10/13/22 18:55	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 18:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		72 - 145		10/13/22 18:55	1
Toluene-d8 (Surr)	95		80 - 120		10/13/22 18:55	1
4-Bromofluorobenzene	100		75 - 139		10/13/22 18:55	1
Dibromofluoromethane (Surr)	107		73 - 139		10/13/22 18:55	1

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871784/4
Matrix: Solid
Analysis Batch: 871784

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	0.0181		mg/Kg		90	63 - 130
Bromomethane	0.0200	0.0204		mg/Kg		102	64 - 150
Chloroethane	0.0200	0.0208		mg/Kg		104	68 - 132
Methylene Chloride	0.0200	0.0212		mg/Kg		106	76 - 120
Acetone	0.100	0.110		mg/Kg		110	63 - 131
Carbon disulfide	0.0200	0.0232		mg/Kg		116	76 - 120
Trichlorofluoromethane	0.0200	0.0207		mg/Kg		104	76 - 142
1,1-Dichloroethene	0.0200	0.0230		mg/Kg		115	70 - 132
1,1-Dichloroethane	0.0200	0.0228		mg/Kg		114	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0228		mg/Kg		114	78 - 120
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	80 - 123
Chloroform	0.0200	0.0218		mg/Kg		109	79 - 126
Vinyl chloride	0.0200	0.0213		mg/Kg		106	72 - 131
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		100	75 - 123
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	75 - 120
1,1,1-Trichloroethane	0.0200	0.0220		mg/Kg		110	78 - 120
Carbon tetrachloride	0.0200	0.0234		mg/Kg		117	77 - 121
Dichlorobromomethane	0.0200	0.0215		mg/Kg		107	73 - 124
1,2-Dichloropropane	0.0200	0.0210		mg/Kg		105	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		97	80 - 120
Trichloroethene	0.0200	0.0206		mg/Kg		103	79 - 120
Chlorodibromomethane	0.0200	0.0248	*+	mg/Kg		124	80 - 120
1,1,2-Trichloroethane	0.0200	0.0191		mg/Kg		95	80 - 120
Benzene	0.0200	0.0210		mg/Kg		105	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		84	80 - 120
Bromoform	0.0200	0.0251		mg/Kg		125	70 - 125
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 122
2-Hexanone	0.100	0.132	*+	mg/Kg		132	70 - 128
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0200		mg/Kg		100	66 - 123
Toluene	0.0200	0.0201		mg/Kg		100	80 - 120
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Ethylbenzene	0.0200	0.0215		mg/Kg		108	76 - 120
Styrene	0.0200	0.0201		mg/Kg		100	80 - 120
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
o-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120
Acrolein	0.300	0.309		mg/Kg		103	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0224		mg/Kg		112	75 - 141
TBA	0.200	0.189		mg/Kg		95	80 - 120
Acrylonitrile	0.200	0.213		mg/Kg		106	66 - 134
Methyl tert-butyl ether	0.0200	0.0219		mg/Kg		110	80 - 125
Cyclohexane	0.0200	0.0220		mg/Kg		110	70 - 132
Ethylene Dibromide	0.0200	0.0201		mg/Kg		101	79 - 120
1,3-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,2-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Dichlorodifluoromethane	0.0200	0.0188		mg/Kg		94	62 - 150
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		99	68 - 150

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871784/4
Matrix: Solid
Analysis Batch: 871784

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	0.474		mg/Kg		118	80 - 136
1,2,3-Trichlorobenzene	0.0200	0.0216		mg/Kg		108	44 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	60 - 124
Chlorobromomethane	0.0200	0.0210		mg/Kg		105	76 - 127
Isopropylbenzene	0.0200	0.0205		mg/Kg		103	80 - 120
Methyl acetate	0.0400	0.0431		mg/Kg		108	58 - 143
Methylcyclohexane	0.0200	0.0213		mg/Kg		107	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		72 - 145
Toluene-d8 (Surr)	97		80 - 120
4-Bromofluorobenzene	102		75 - 139
Dibromofluoromethane (Surr)	107		73 - 139

Lab Sample ID: LCSD 460-871784/5
Matrix: Solid
Analysis Batch: 871784

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	4	30
Bromomethane	0.0200	0.0211		mg/Kg		105	64 - 150	3	30
Chloroethane	0.0200	0.0212		mg/Kg		106	68 - 132	2	30
Methylene Chloride	0.0200	0.0213		mg/Kg		106	76 - 120	0	30
Acetone	0.100	0.104		mg/Kg		104	63 - 131	5	30
Carbon disulfide	0.0200	0.0222		mg/Kg		111	76 - 120	4	30
Trichlorofluoromethane	0.0200	0.0209		mg/Kg		105	76 - 142	1	30
1,1-Dichloroethene	0.0200	0.0227		mg/Kg		114	70 - 132	1	30
1,1-Dichloroethane	0.0200	0.0221		mg/Kg		111	77 - 129	3	30
trans-1,2-Dichloroethene	0.0200	0.0230		mg/Kg		115	78 - 120	1	30
cis-1,2-Dichloroethene	0.0200	0.0224		mg/Kg		112	80 - 123	2	30
Chloroform	0.0200	0.0219		mg/Kg		110	79 - 126	1	30
Vinyl chloride	0.0200	0.0197		mg/Kg		99	72 - 131	7	30
1,2-Dichloroethane	0.0200	0.0193		mg/Kg		96	75 - 123	4	30
2-Butanone (MEK)	0.100	0.109		mg/Kg		109	75 - 120	5	30
1,1,1-Trichloroethane	0.0200	0.0213		mg/Kg		107	78 - 120	3	30
Carbon tetrachloride	0.0200	0.0234		mg/Kg		117	77 - 121	0	30
Dichlorobromomethane	0.0200	0.0216		mg/Kg		108	73 - 124	1	30
1,2-Dichloropropane	0.0200	0.0207		mg/Kg		104	73 - 124	1	30
cis-1,3-Dichloropropene	0.0200	0.0195		mg/Kg		97	80 - 120	1	30
Trichloroethene	0.0200	0.0203		mg/Kg		102	79 - 120	1	30
Chlorodibromomethane	0.0200	0.0269	*+	mg/Kg		135	80 - 120	8	30
1,1,2-Trichloroethane	0.0200	0.0199		mg/Kg		99	80 - 120	4	30
Benzene	0.0200	0.0211		mg/Kg		106	80 - 123	1	30
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		89	80 - 120	6	30
Bromoform	0.0200	0.0243		mg/Kg		122	70 - 125	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 122	1	30
2-Hexanone	0.100	0.128		mg/Kg		128	70 - 128	3	30
Tetrachloroethene	0.0200	0.0205		mg/Kg		102	78 - 123	3	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871784/5
Matrix: Solid
Analysis Batch: 871784

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	0.0201		mg/Kg		100	66 - 123	0	30
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120	2	30
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	76 - 120	8	30
Styrene	0.0200	0.0195		mg/Kg		97	80 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0197		mg/Kg		99	80 - 120	1	30
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	2	30
Acrolein	0.300	0.289		mg/Kg		96	10 - 150	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0224		mg/Kg		112	75 - 141	0	30
TBA	0.200	0.197		mg/Kg		98	80 - 120	4	30
Acrylonitrile	0.200	0.220		mg/Kg		110	66 - 134	3	30
Methyl tert-butyl ether	0.0200	0.0218		mg/Kg		109	80 - 125	1	30
Cyclohexane	0.0200	0.0209		mg/Kg		105	70 - 132	5	30
Ethylene Dibromide	0.0200	0.0189		mg/Kg		94	79 - 120	6	30
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120	0	30
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	3	30
Dichlorodifluoromethane	0.0200	0.0191		mg/Kg		96	62 - 150	2	30
1,2,4-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	68 - 150	3	30
1,4-Dioxane	0.400	0.466		mg/Kg		117	80 - 136	2	30
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	44 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	60 - 124	6	30
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127	1	30
Isopropylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
Methyl acetate	0.0400	0.0416		mg/Kg		104	58 - 143	3	30
Methylcyclohexane	0.0200	0.0209		mg/Kg		104	70 - 133	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	104		72 - 145
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene	102		75 - 139
Dibromofluoromethane (Surr)	109		73 - 139

Lab Sample ID: MB 460-871870/9
Matrix: Solid
Analysis Batch: 871870

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			10/14/22 08:12	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			10/14/22 08:12	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			10/14/22 08:12	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			10/14/22 08:12	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			10/14/22 08:12	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			10/14/22 08:12	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			10/14/22 08:12	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			10/14/22 08:12	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/14/22 08:12	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			10/14/22 08:12	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871870/9

Matrix: Solid

Analysis Batch: 871870

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			10/14/22 08:12	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			10/14/22 08:12	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			10/14/22 08:12	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/14/22 08:12	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			10/14/22 08:12	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			10/14/22 08:12	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			10/14/22 08:12	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			10/14/22 08:12	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			10/14/22 08:12	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/14/22 08:12	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			10/14/22 08:12	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			10/14/22 08:12	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			10/14/22 08:12	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			10/14/22 08:12	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			10/14/22 08:12	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			10/14/22 08:12	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			10/14/22 08:12	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			10/14/22 08:12	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			10/14/22 08:12	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			10/14/22 08:12	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			10/14/22 08:12	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/14/22 08:12	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			10/14/22 08:12	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			10/14/22 08:12	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			10/14/22 08:12	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			10/14/22 08:12	1
Acrolein	0.028	U	0.10	0.028	mg/Kg			10/14/22 08:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			10/14/22 08:12	1
TBA	0.0078	U	0.010	0.0078	mg/Kg			10/14/22 08:12	1
Acrylonitrile	0.0049	U	0.010	0.0049	mg/Kg			10/14/22 08:12	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			10/14/22 08:12	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			10/14/22 08:12	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			10/14/22 08:12	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			10/14/22 08:12	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			10/14/22 08:12	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/14/22 08:12	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			10/14/22 08:12	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			10/14/22 08:12	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg			10/14/22 08:12	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			10/14/22 08:12	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			10/14/22 08:12	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			10/14/22 08:12	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			10/14/22 08:12	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			10/14/22 08:12	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			10/14/22 08:12	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 08:12	1

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871870/9
Matrix: Solid
Analysis Batch: 871870

Client Sample ID: Method Blank
Prep Type: Total/NA

<u>Surrogate</u>	<u>MB</u>	<u>MB</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	117		72 - 145		10/14/22 08:12	1
Toluene-d8 (Surr)	93		80 - 120		10/14/22 08:12	1
4-Bromofluorobenzene	99		75 - 139		10/14/22 08:12	1
Dibromofluoromethane (Surr)	109		73 - 139		10/14/22 08:12	1

Lab Sample ID: LCS 460-871870/4
Matrix: Solid
Analysis Batch: 871870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

<u>Analyte</u>	<u>Spike</u>	<u>LCS</u>	<u>LCS</u>	<u>Unit</u>	<u>D</u>	<u>%Rec</u>	<u>%Rec</u>
	Added	Result	Qualifier				Limits
Chloromethane	0.0200	0.0202		mg/Kg		101	63 - 130
Bromomethane	0.0200	0.0170		mg/Kg		85	64 - 150
Chloroethane	0.0200	0.0193		mg/Kg		97	68 - 132
Methylene Chloride	0.0200	0.0227		mg/Kg		113	76 - 120
Acetone	0.100	0.0972		mg/Kg		97	63 - 131
Carbon disulfide	0.0200	0.0251	*+	mg/Kg		125	76 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	76 - 142
1,1-Dichloroethene	0.0200	0.0231		mg/Kg		116	70 - 132
1,1-Dichloroethane	0.0200	0.0241		mg/Kg		120	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0228		mg/Kg		114	78 - 120
cis-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	80 - 123
Chloroform	0.0200	0.0219		mg/Kg		109	79 - 126
Vinyl chloride	0.0200	0.0192		mg/Kg		96	72 - 131
1,2-Dichloroethane	0.0200	0.0241		mg/Kg		121	75 - 123
2-Butanone (MEK)	0.100	0.0799		mg/Kg		80	75 - 120
1,1,1-Trichloroethane	0.0200	0.0220		mg/Kg		110	78 - 120
Carbon tetrachloride	0.0200	0.0212		mg/Kg		106	77 - 121
Dichlorobromomethane	0.0200	0.0211		mg/Kg		105	73 - 124
1,2-Dichloropropane	0.0200	0.0227		mg/Kg		114	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		101	80 - 120
Trichloroethene	0.0200	0.0206		mg/Kg		103	79 - 120
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	80 - 120
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		100	80 - 120
Benzene	0.0200	0.0207		mg/Kg		103	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		100	80 - 120
Bromoform	0.0200	0.0182		mg/Kg		91	70 - 125
4-Methyl-2-pentanone (MIBK)	0.100	0.0988		mg/Kg		99	80 - 122
2-Hexanone	0.100	0.0970		mg/Kg		97	70 - 128
Tetrachloroethene	0.0200	0.0196		mg/Kg		98	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0208		mg/Kg		104	66 - 123
Toluene	0.0200	0.0195		mg/Kg		98	80 - 120
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Ethylbenzene	0.0200	0.0193		mg/Kg		97	76 - 120
Styrene	0.0200	0.0194		mg/Kg		97	80 - 120
m-Xylene & p-Xylene	0.0200	0.0191		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120
Acrolein	0.300	0.363		mg/Kg		121	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0243		mg/Kg		121	75 - 141

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871870/4

Matrix: Solid

Analysis Batch: 871870

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	0.208		mg/Kg		104	80 - 120
Acrylonitrile	0.200	0.220		mg/Kg		110	66 - 134
Methyl tert-butyl ether	0.0200	0.0231		mg/Kg		116	80 - 125
Cyclohexane	0.0200	0.0229		mg/Kg		115	70 - 132
Ethylene Dibromide	0.0200	0.0195		mg/Kg		97	79 - 120
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
1,2-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Dichlorodifluoromethane	0.0200	0.0156		mg/Kg		78	62 - 150
1,2,4-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	68 - 150
1,4-Dioxane	0.400	0.408		mg/Kg		102	80 - 136
1,2,3-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	44 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		89	60 - 124
Chlorobromomethane	0.0200	0.0210		mg/Kg		105	76 - 127
Isopropylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Methyl acetate	0.0400	0.0614	*+	mg/Kg		154	58 - 143
Methylcyclohexane	0.0200	0.0217		mg/Kg		108	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	119		72 - 145
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene	103		75 - 139
Dibromofluoromethane (Surr)	108		73 - 139

Lab Sample ID: LCSD 460-871870/5

Matrix: Solid

Analysis Batch: 871870

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	0.0200		mg/Kg		100	63 - 130	1	30
Bromomethane	0.0200	0.0166		mg/Kg		83	64 - 150	2	30
Chloroethane	0.0200	0.0194		mg/Kg		97	68 - 132	0	30
Methylene Chloride	0.0200	0.0230		mg/Kg		115	76 - 120	1	30
Acetone	0.100	0.0954		mg/Kg		95	63 - 131	2	30
Carbon disulfide	0.0200	0.0254	*+	mg/Kg		127	76 - 120	1	30
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	76 - 142	0	30
1,1-Dichloroethene	0.0200	0.0235		mg/Kg		118	70 - 132	2	30
1,1-Dichloroethane	0.0200	0.0244		mg/Kg		122	77 - 129	1	30
trans-1,2-Dichloroethene	0.0200	0.0232		mg/Kg		116	78 - 120	2	30
cis-1,2-Dichloroethene	0.0200	0.0218		mg/Kg		109	80 - 123	1	30
Chloroform	0.0200	0.0222		mg/Kg		111	79 - 126	1	30
Vinyl chloride	0.0200	0.0189		mg/Kg		94	72 - 131	2	30
1,2-Dichloroethane	0.0200	0.0241		mg/Kg		120	75 - 123	0	30
2-Butanone (MEK)	0.100	0.0796		mg/Kg		80	75 - 120	0	30
1,1,1-Trichloroethane	0.0200	0.0224		mg/Kg		112	78 - 120	2	30
Carbon tetrachloride	0.0200	0.0217		mg/Kg		109	77 - 121	2	30
Dichlorobromomethane	0.0200	0.0215		mg/Kg		107	73 - 124	2	30
1,2-Dichloropropane	0.0200	0.0226		mg/Kg		113	73 - 124	0	30

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871870/5
Matrix: Solid
Analysis Batch: 871870

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
cis-1,3-Dichloropropene	0.0200	0.0205		mg/Kg		102	80 - 120	2	30
Trichloroethene	0.0200	0.0207		mg/Kg		104	79 - 120	0	30
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	80 - 120	0	30
1,1,2-Trichloroethane	0.0200	0.0199		mg/Kg		99	80 - 120	1	30
Benzene	0.0200	0.0208		mg/Kg		104	80 - 123	1	30
trans-1,3-Dichloropropene	0.0200	0.0204		mg/Kg		102	80 - 120	2	30
Bromoform	0.0200	0.0186		mg/Kg		93	70 - 125	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0966		mg/Kg		97	80 - 122	2	30
2-Hexanone	0.100	0.0948		mg/Kg		95	70 - 128	2	30
Tetrachloroethene	0.0200	0.0201		mg/Kg		100	78 - 123	2	30
1,1,1,2-Tetrachloroethane	0.0200	0.0205		mg/Kg		102	66 - 123	2	30
Toluene	0.0200	0.0197		mg/Kg		99	80 - 120	1	30
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	2	30
Ethylbenzene	0.0200	0.0195		mg/Kg		98	76 - 120	1	30
Styrene	0.0200	0.0195		mg/Kg		98	80 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120	2	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	2	30
Acrolein	0.300	0.381		mg/Kg		127	10 - 150	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0250		mg/Kg		125	75 - 141	3	30
TBA	0.200	0.193		mg/Kg		96	80 - 120	8	30
Acrylonitrile	0.200	0.206		mg/Kg		103	66 - 134	7	30
Methyl tert-butyl ether	0.0200	0.0242		mg/Kg		121	80 - 125	4	30
Cyclohexane	0.0200	0.0235		mg/Kg		117	70 - 132	2	30
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	0	30
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
Dichlorodifluoromethane	0.0200	0.0155		mg/Kg		77	62 - 150	1	30
1,2,4-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	68 - 150	5	30
1,4-Dioxane	0.400	0.386		mg/Kg		96	80 - 136	6	30
1,2,3-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	44 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	60 - 124	3	30
Chlorobromomethane	0.0200	0.0216		mg/Kg		108	76 - 127	3	30
Isopropylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	3	30
Methyl acetate	0.0400	0.0592	*+	mg/Kg		148	58 - 143	4	30
Methylcyclohexane	0.0200	0.0221		mg/Kg		111	70 - 133	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	118		72 - 145
Toluene-d8 (Surr)	97		80 - 120
4-Bromofluorobenzene	102		75 - 139
Dibromofluoromethane (Surr)	108		73 - 139

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871912/8
Matrix: Solid
Analysis Batch: 871912

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloromethane	0.020	U	0.050	0.020	mg/Kg			10/14/22 12:58	50
Bromomethane	0.028	U	0.050	0.028	mg/Kg			10/14/22 12:58	50
Chloroethane	0.019	U	0.050	0.019	mg/Kg			10/14/22 12:58	50
Methylene Chloride	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Acetone	0.22	U	0.25	0.22	mg/Kg			10/14/22 12:58	50
Carbon disulfide	0.034	U	0.050	0.034	mg/Kg			10/14/22 12:58	50
Trichlorofluoromethane	0.016	U	0.050	0.016	mg/Kg			10/14/22 12:58	50
1,1-Dichloroethene	0.013	U	0.050	0.013	mg/Kg			10/14/22 12:58	50
1,1-Dichloroethane	0.012	U	0.050	0.012	mg/Kg			10/14/22 12:58	50
trans-1,2-Dichloroethene	0.0090	U	0.050	0.0090	mg/Kg			10/14/22 12:58	50
cis-1,2-Dichloroethene	0.013	U	0.050	0.013	mg/Kg			10/14/22 12:58	50
Chloroform	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Vinyl chloride	0.010	U	0.050	0.010	mg/Kg			10/14/22 12:58	50
1,2-Dichloroethane	0.013	U	0.050	0.013	mg/Kg			10/14/22 12:58	50
2-Butanone (MEK)	0.11	U	0.25	0.11	mg/Kg			10/14/22 12:58	50
1,1,1-Trichloroethane	0.014	U	0.050	0.014	mg/Kg			10/14/22 12:58	50
Carbon tetrachloride	0.017	U	0.050	0.017	mg/Kg			10/14/22 12:58	50
Dichlorobromomethane	0.0075	U	0.050	0.0075	mg/Kg			10/14/22 12:58	50
1,2-Dichloropropane	0.0090	U	0.050	0.0090	mg/Kg			10/14/22 12:58	50
cis-1,3-Dichloropropene	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Trichloroethene	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Chlorodibromomethane	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
1,1,2-Trichloroethane	0.010	U	0.050	0.010	mg/Kg			10/14/22 12:58	50
Benzene	0.010	U	0.050	0.010	mg/Kg			10/14/22 12:58	50
trans-1,3-Dichloropropene	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Bromoform	0.0090	U	0.050	0.0090	mg/Kg			10/14/22 12:58	50
4-Methyl-2-pentanone (MIBK)	0.065	U	0.25	0.065	mg/Kg			10/14/22 12:58	50
2-Hexanone	0.057	U	0.25	0.057	mg/Kg			10/14/22 12:58	50
Tetrachloroethene	0.018	U	0.050	0.018	mg/Kg			10/14/22 12:58	50
1,1,2,2-Tetrachloroethane	0.0099	U	0.050	0.0099	mg/Kg			10/14/22 12:58	50
Toluene	0.013	U	0.050	0.013	mg/Kg			10/14/22 12:58	50
Chlorobenzene	0.012	U	0.050	0.012	mg/Kg			10/14/22 12:58	50
Ethylbenzene	0.015	U	0.050	0.015	mg/Kg			10/14/22 12:58	50
Styrene	0.0085	U	0.050	0.0085	mg/Kg			10/14/22 12:58	50
m-Xylene & p-Xylene	0.014	U	0.050	0.014	mg/Kg			10/14/22 12:58	50
o-Xylene	0.016	U	0.050	0.016	mg/Kg			10/14/22 12:58	50
Acrolein	0.12	U	0.25	0.12	mg/Kg			10/14/22 12:58	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.017	U	0.050	0.017	mg/Kg			10/14/22 12:58	50
TBA	0.41	U	0.50	0.41	mg/Kg			10/14/22 12:58	50
Acrylonitrile	0.091	U	0.50	0.091	mg/Kg			10/14/22 12:58	50
Methyl tert-butyl ether	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Cyclohexane	0.013	U	0.050	0.013	mg/Kg			10/14/22 12:58	50
Ethylene Dibromide	0.0095	U	0.050	0.0095	mg/Kg			10/14/22 12:58	50
1,3-Dichlorobenzene	0.017	U	0.050	0.017	mg/Kg			10/14/22 12:58	50
1,4-Dichlorobenzene	0.017	U	0.050	0.017	mg/Kg			10/14/22 12:58	50
1,2-Dichlorobenzene	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Dichlorodifluoromethane	0.016	U	0.050	0.016	mg/Kg			10/14/22 12:58	50
1,2,4-Trichlorobenzene	0.014	U	0.050	0.014	mg/Kg			10/14/22 12:58	50

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871912/8
Matrix: Solid
Analysis Batch: 871912

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	1.4	U	2.5	1.4	mg/Kg			10/14/22 12:58	50
1,2,3-Trichlorobenzene	0.018	U	0.050	0.018	mg/Kg			10/14/22 12:58	50
1,2-Dibromo-3-Chloropropane	0.011	U	0.050	0.011	mg/Kg			10/14/22 12:58	50
Chlorobromomethane	0.015	U	0.050	0.015	mg/Kg			10/14/22 12:58	50
Isopropylbenzene	0.016	U	0.050	0.016	mg/Kg			10/14/22 12:58	50
Methyl acetate	0.039	U	0.25	0.039	mg/Kg			10/14/22 12:58	50
Methylcyclohexane	0.036	U	0.050	0.036	mg/Kg			10/14/22 12:58	50

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.0283	J	mg/Kg		12.94	87-68-3		10/14/22 12:58	50
Tentatively Identified Compound	None		mg/Kg					10/14/22 12:58	50

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		68 - 150		10/14/22 12:58	50
Toluene-d8 (Surr)	92		80 - 147		10/14/22 12:58	50
4-Bromofluorobenzene	90		70 - 150		10/14/22 12:58	50
Dibromofluoromethane (Surr)	89		68 - 150		10/14/22 12:58	50

Lab Sample ID: LCS 460-871912/3
Matrix: Solid
Analysis Batch: 871912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	1.00	1.18		mg/Kg		118	63 - 130
Bromomethane	1.00	1.10		mg/Kg		110	63 - 150
Chloroethane	1.00	1.09		mg/Kg		109	68 - 133
Methylene Chloride	1.00	1.02		mg/Kg		102	74 - 120
Acetone	5.00	4.38		mg/Kg		88	62 - 127
Carbon disulfide	1.00	1.02		mg/Kg		102	77 - 120
Trichlorofluoromethane	1.00	0.998		mg/Kg		100	76 - 145
1,1-Dichloroethene	1.00	0.962		mg/Kg		96	72 - 128
1,1-Dichloroethane	1.00	0.923		mg/Kg		92	79 - 124
trans-1,2-Dichloroethene	1.00	0.930		mg/Kg		93	77 - 120
cis-1,2-Dichloroethene	1.00	0.930		mg/Kg		93	80 - 120
Chloroform	1.00	0.941		mg/Kg		94	80 - 120
Vinyl chloride	1.00	1.01		mg/Kg		101	72 - 131
1,2-Dichloroethane	1.00	0.929		mg/Kg		93	75 - 124
2-Butanone (MEK)	5.00	5.07		mg/Kg		101	73 - 131
1,1,1-Trichloroethane	1.00	0.925		mg/Kg		92	80 - 121
Carbon tetrachloride	1.00	0.890		mg/Kg		89	77 - 123
Dichlorobromomethane	1.00	0.931		mg/Kg		93	77 - 120
1,2-Dichloropropane	1.00	0.950		mg/Kg		95	78 - 125
cis-1,3-Dichloropropene	1.00	0.953		mg/Kg		95	80 - 120
Trichloroethene	1.00	0.910		mg/Kg		91	77 - 120
Chlorodibromomethane	1.00	0.900		mg/Kg		90	80 - 120
1,1,2-Trichloroethane	1.00	0.922		mg/Kg		92	79 - 120
Benzene	1.00	1.02		mg/Kg		102	80 - 120
trans-1,3-Dichloropropene	1.00	0.990		mg/Kg		99	80 - 120

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871912/3
Matrix: Solid
Analysis Batch: 871912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	1.00	0.792		mg/Kg		79	70 - 121
4-Methyl-2-pentanone (MIBK)	5.00	5.63		mg/Kg		113	80 - 120
2-Hexanone	5.00	5.02		mg/Kg		100	80 - 129
Tetrachloroethene	1.00	1.01		mg/Kg		101	77 - 120
1,1,2,2-Tetrachloroethane	1.00	1.09		mg/Kg		109	74 - 138
Toluene	1.00	1.02		mg/Kg		102	80 - 120
Chlorobenzene	1.00	0.942		mg/Kg		94	80 - 120
Ethylbenzene	1.00	1.04		mg/Kg		104	76 - 121
Styrene	1.00	0.968		mg/Kg		97	74 - 124
m-Xylene & p-Xylene	1.00	1.01		mg/Kg		101	72 - 120
o-Xylene	1.00	0.982		mg/Kg		98	78 - 123
Acrolein	2.00	2.03		mg/Kg		102	24 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.981		mg/Kg		98	75 - 137
TBA	10.0	9.36		mg/Kg		94	80 - 120
Acrylonitrile	10.0	7.98		mg/Kg		80	70 - 130
Methyl tert-butyl ether	1.00	0.917		mg/Kg		92	77 - 125
Cyclohexane	1.00	1.03		mg/Kg		103	76 - 125
Ethylene Dibromide	1.00	0.954		mg/Kg		95	80 - 120
1,3-Dichlorobenzene	1.00	1.03		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	1.00	1.01		mg/Kg		101	80 - 120
1,2-Dichlorobenzene	1.00	1.03		mg/Kg		103	80 - 120
Dichlorodifluoromethane	1.00	1.16		mg/Kg		116	62 - 150
1,2,4-Trichlorobenzene	1.00	1.14		mg/Kg		114	70 - 150
1,4-Dioxane	20.0	19.7		mg/Kg		99	80 - 126
1,2,3-Trichlorobenzene	1.00	1.08		mg/Kg		108	70 - 150
1,2-Dibromo-3-Chloropropane	1.00	0.813		mg/Kg		81	73 - 124
Chlorobromomethane	1.00	0.978		mg/Kg		98	80 - 121
Isopropylbenzene	1.00	1.00		mg/Kg		100	78 - 125
Methyl acetate	2.00	1.73		mg/Kg		86	61 - 137
Methylcyclohexane	1.00	1.13		mg/Kg		113	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		68 - 150
Toluene-d8 (Surr)	96		80 - 147
4-Bromofluorobenzene	95		70 - 150
Dibromofluoromethane (Surr)	89		68 - 150

Lab Sample ID: LCSD 460-871912/4
Matrix: Solid
Analysis Batch: 871912

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	1.00	1.08		mg/Kg		108	63 - 130	8	30
Bromomethane	1.00	1.14		mg/Kg		114	63 - 150	3	30
Chloroethane	1.00	1.12		mg/Kg		112	68 - 133	3	30
Methylene Chloride	1.00	1.06		mg/Kg		106	74 - 120	3	30
Acetone	5.00	4.17		mg/Kg		83	62 - 127	5	30
Carbon disulfide	1.00	1.03		mg/Kg		103	77 - 120	1	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871912/4
Matrix: Solid
Analysis Batch: 871912

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
Trichlorofluoromethane	1.00	1.09		mg/Kg		109	76 - 145	9	30
1,1-Dichloroethene	1.00	1.05		mg/Kg		105	72 - 128	9	30
1,1-Dichloroethane	1.00	0.998		mg/Kg		100	79 - 124	8	30
trans-1,2-Dichloroethene	1.00	0.979		mg/Kg		98	77 - 120	5	30
cis-1,2-Dichloroethene	1.00	1.01		mg/Kg		101	80 - 120	8	30
Chloroform	1.00	1.03		mg/Kg		103	80 - 120	9	30
Vinyl chloride	1.00	1.06		mg/Kg		106	72 - 131	5	30
1,2-Dichloroethane	1.00	1.02		mg/Kg		102	75 - 124	9	30
2-Butanone (MEK)	5.00	5.18		mg/Kg		104	73 - 131	2	30
1,1,1-Trichloroethane	1.00	0.971		mg/Kg		97	80 - 121	5	30
Carbon tetrachloride	1.00	0.951		mg/Kg		95	77 - 123	7	30
Dichlorobromomethane	1.00	1.00		mg/Kg		100	77 - 120	7	30
1,2-Dichloropropane	1.00	1.02		mg/Kg		102	78 - 125	7	30
cis-1,3-Dichloropropene	1.00	0.950		mg/Kg		95	80 - 120	0	30
Trichloroethene	1.00	0.935		mg/Kg		93	77 - 120	3	30
Chlorodibromomethane	1.00	0.899		mg/Kg		90	80 - 120	0	30
1,1,2-Trichloroethane	1.00	0.936		mg/Kg		94	79 - 120	2	30
Benzene	1.00	0.956		mg/Kg		96	80 - 120	6	30
trans-1,3-Dichloropropene	1.00	0.958		mg/Kg		96	80 - 120	3	30
Bromoform	1.00	0.762		mg/Kg		76	70 - 121	4	30
4-Methyl-2-pentanone (MIBK)	5.00	5.13		mg/Kg		103	80 - 120	9	30
2-Hexanone	5.00	4.82		mg/Kg		96	80 - 129	4	30
Tetrachloroethene	1.00	0.933		mg/Kg		93	77 - 120	8	30
1,1,2,2-Tetrachloroethane	1.00	1.07		mg/Kg		107	74 - 138	1	30
Toluene	1.00	0.971		mg/Kg		97	80 - 120	5	30
Chlorobenzene	1.00	0.895		mg/Kg		89	80 - 120	5	30
Ethylbenzene	1.00	0.999		mg/Kg		100	76 - 121	4	30
Styrene	1.00	0.941		mg/Kg		94	74 - 124	3	30
m-Xylene & p-Xylene	1.00	0.948		mg/Kg		95	72 - 120	6	30
o-Xylene	1.00	0.934		mg/Kg		93	78 - 123	5	30
Acrolein	2.00	2.02		mg/Kg		101	24 - 150	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.05		mg/Kg		105	75 - 137	7	30
TBA	10.0	9.01		mg/Kg		90	80 - 120	4	30
Acrylonitrile	10.0	9.36		mg/Kg		94	70 - 130	16	30
Methyl tert-butyl ether	1.00	1.03		mg/Kg		103	77 - 125	11	30
Cyclohexane	1.00	1.02		mg/Kg		102	76 - 125	1	30
Ethylene Dibromide	1.00	0.966		mg/Kg		97	80 - 120	1	30
1,3-Dichlorobenzene	1.00	1.00		mg/Kg		100	80 - 120	3	30
1,4-Dichlorobenzene	1.00	0.966		mg/Kg		97	80 - 120	4	30
1,2-Dichlorobenzene	1.00	0.994		mg/Kg		99	80 - 120	4	30
Dichlorodifluoromethane	1.00	1.13		mg/Kg		113	62 - 150	2	30
1,2,4-Trichlorobenzene	1.00	1.10		mg/Kg		110	70 - 150	4	30
1,4-Dioxane	20.0	19.3		mg/Kg		97	80 - 126	2	30
1,2,3-Trichlorobenzene	1.00	1.08		mg/Kg		108	70 - 150	0	30
1,2-Dibromo-3-Chloropropane	1.00	0.850		mg/Kg		85	73 - 124	4	30
Chlorobromomethane	1.00	1.04		mg/Kg		104	80 - 121	6	30
Isopropylbenzene	1.00	0.969		mg/Kg		97	78 - 125	3	30
Methyl acetate	2.00	1.71		mg/Kg		86	61 - 137	1	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871912/4

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 871912

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane	1.00	1.13		mg/Kg		113	67 - 136	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 150
Toluene-d8 (Surr)	96		80 - 147
4-Bromofluorobenzene	94		70 - 150
Dibromofluoromethane (Surr)	100		68 - 150

Lab Sample ID: MB 460-872203/9

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 872203

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			10/16/22 09:17	1
Chloroform	0.00033	U	0.0010	0.00033	mg/L			10/16/22 09:17	1
Vinyl chloride	0.00017	U	0.0010	0.00017	mg/L			10/16/22 09:17	1
1,2-Dichloroethane	0.00043	U	0.0010	0.00043	mg/L			10/16/22 09:17	1
2-Butanone (MEK)	0.0019	U	0.0050	0.0019	mg/L			10/16/22 09:17	1
Carbon tetrachloride	0.00021	U	0.0010	0.00021	mg/L			10/16/22 09:17	1
Trichloroethene	0.00031	U	0.0010	0.00031	mg/L			10/16/22 09:17	1
Benzene	0.00020	U	0.0010	0.00020	mg/L			10/16/22 09:17	1
Tetrachloroethene	0.00025	U	0.0010	0.00025	mg/L			10/16/22 09:17	1
Chlorobenzene	0.00038	U	0.0010	0.00038	mg/L			10/16/22 09:17	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 128		10/16/22 09:17	1
Toluene-d8 (Surr)	100		80 - 120		10/16/22 09:17	1
4-Bromofluorobenzene	96		76 - 120		10/16/22 09:17	1
Dibromofluoromethane (Surr)	108		77 - 124		10/16/22 09:17	1

Lab Sample ID: LCS 460-872203/4

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 872203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.0200	0.0178		mg/L		89	68 - 133
Chloroform	0.0200	0.0188		mg/L		94	78 - 125
Vinyl chloride	0.0200	0.0192		mg/L		96	55 - 144
1,2-Dichloroethane	0.0200	0.0191		mg/L		96	66 - 129
2-Butanone (MEK)	0.100	0.0821		mg/L		82	61 - 128
Carbon tetrachloride	0.0200	0.0191		mg/L		95	61 - 131
Trichloroethene	0.0200	0.0174		mg/L		87	71 - 121
Benzene	0.0200	0.0210		mg/L		105	71 - 126
Tetrachloroethene	0.0200	0.0185		mg/L		92	70 - 127
Chlorobenzene	0.0200	0.0182		mg/L		91	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 128

Eurofins Edison

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-872203/4

Matrix: Solid

Analysis Batch: 872203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	107		80 - 120
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: LCSD 460-872203/5

Matrix: Solid

Analysis Batch: 872203

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	0.0190		mg/L		95	68 - 133	6	30
Chloroform	0.0200	0.0197		mg/L		99	78 - 125	5	30
Vinyl chloride	0.0200	0.0199		mg/L		100	55 - 144	4	30
1,2-Dichloroethane	0.0200	0.0208		mg/L		104	66 - 129	9	30
2-Butanone (MEK)	0.100	0.0808		mg/L		81	61 - 128	2	30
Carbon tetrachloride	0.0200	0.0204		mg/L		102	61 - 131	7	30
Trichloroethene	0.0200	0.0187		mg/L		93	71 - 121	7	30
Benzene	0.0200	0.0214		mg/L		107	71 - 126	2	30
Tetrachloroethene	0.0200	0.0187		mg/L		93	70 - 127	1	30
Chlorobenzene	0.0200	0.0191		mg/L		96	80 - 120	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 128
Toluene-d8 (Surr)	107		80 - 120
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	105		77 - 124

Lab Sample ID: LB 460-871959/1-A

Matrix: Solid

Analysis Batch: 872203

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0026	U	0.010	0.0026	mg/L			10/16/22 09:43	10
Chloroform	0.0033	U	0.010	0.0033	mg/L			10/16/22 09:43	10
Vinyl chloride	0.0017	U	0.010	0.0017	mg/L			10/16/22 09:43	10
1,2-Dichloroethane	0.0043	U	0.010	0.0043	mg/L			10/16/22 09:43	10
2-Butanone (MEK)	0.019	U	0.050	0.019	mg/L			10/16/22 09:43	10
Carbon tetrachloride	0.0021	U	0.010	0.0021	mg/L			10/16/22 09:43	10
Trichloroethene	0.0031	U	0.010	0.0031	mg/L			10/16/22 09:43	10
Benzene	0.0020	U	0.010	0.0020	mg/L			10/16/22 09:43	10
Tetrachloroethene	0.0025	U	0.010	0.0025	mg/L			10/16/22 09:43	10
Chlorobenzene	0.0038	U	0.010	0.0038	mg/L			10/16/22 09:43	10

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 128		10/16/22 09:43	10
Toluene-d8 (Surr)	103		80 - 120		10/16/22 09:43	10
4-Bromofluorobenzene	97		76 - 120		10/16/22 09:43	10
Dibromofluoromethane (Surr)	109		77 - 124		10/16/22 09:43	10

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QC Sample Results

Client: Montrose Environmental Solutions Inc
 Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871469/1-A

Matrix: Solid

Analysis Batch: 871587

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 871469

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	0.012	U	0.33	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2-Chlorophenol	0.012	U	0.33	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4-Methylphenol	0.021	U	0.33	0.021	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2-Nitrophenol	0.033	U	0.33	0.033	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,4-Dimethylphenol	0.039	U	0.33	0.039	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,4-Dichlorophenol	0.021	U	0.13	0.021	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2-Methylphenol	0.012	U	0.33	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4-Chloro-3-methylphenol	0.019	U	0.33	0.019	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,4,6-Trichlorophenol	0.042	U	0.13	0.042	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,4,5-Trichlorophenol	0.034	U	0.33	0.034	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4-Nitrophenol	0.054	U	0.67	0.054	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4,6-Dinitro-2-methylphenol	0.14	U	0.27	0.14	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
N-Nitrosodimethylamine	0.031	U	0.33	0.031	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Pentachlorophenol	0.068	U	0.27	0.068	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Nitrobenzene	0.018	U	0.033	0.018	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4-Chloroaniline	0.059	U	0.33	0.059	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2-Nitroaniline	0.025	U	0.33	0.025	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Acenaphthylene	0.0095	U	0.33	0.0095	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
3-Nitroaniline	0.079	U	0.33	0.079	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Acenaphthene	0.0094	U	0.33	0.0094	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Dibenzofuran	0.011	U	0.33	0.011	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,4-Dinitrophenol	0.16	U	0.27	0.16	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Diethyl phthalate	0.011	U	0.33	0.011	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Fluorene	0.0097	U	0.33	0.0097	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
N-Nitrosodiphenylamine	0.027	U	0.33	0.027	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Di-n-butyl phthalate	0.012	U	0.33	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Benzidine	0.069	U	0.33	0.069	mg/Kg		10/12/22 10:28	10/12/22 22:34	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871469/1-A
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
1,2-Diphenylhydrazine	0.013	U	0.33	0.013	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
1,1'-Biphenyl	0.012	U	0.33	0.012	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Acetophenone	0.016	U	0.33	0.016	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Benzaldehyde	0.055	U	0.33	0.055	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Caprolactam	0.051	U	0.33	0.051	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Atrazine	0.019	U	0.13	0.019	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
1,2,4,5-Tetrachlorobenzene	0.010	U	0.33	0.010	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
2,3,4,6-Tetrachlorophenol	0.022	U	0.33	0.022	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		10/12/22 10:28	10/12/22 22:34	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		10/12/22 10:28	10/12/22 22:34	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Aldol condensation product	0.666	A J	mg/Kg		3.08		10/12/22 10:28	10/12/22 22:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	89		16 - 125	10/12/22 10:28	10/12/22 22:34	1
Phenol-d5 (Surr)	91		23 - 120	10/12/22 10:28	10/12/22 22:34	1
Terphenyl-d14 (Surr)	116		25 - 126	10/12/22 10:28	10/12/22 22:34	1
2,4,6-Tribromophenol (Surr)	114		10 - 123	10/12/22 10:28	10/12/22 22:34	1
2-Fluorophenol (Surr)	91		18 - 123	10/12/22 10:28	10/12/22 22:34	1
2-Fluorobiphenyl	100		22 - 122	10/12/22 10:28	10/12/22 22:34	1

Lab Sample ID: LCS 460-871469/2-A
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Phenol	3.33	3.17		mg/Kg		95	63 - 120
2-Chlorophenol	3.33	3.25		mg/Kg		98	63 - 120
4-Methylphenol	3.33	3.30		mg/Kg		99	61 - 120
2-Nitrophenol	3.33	3.77		mg/Kg		113	64 - 120
2,4-Dimethylphenol	3.33	3.09		mg/Kg		93	67 - 120
2,4-Dichlorophenol	3.33	3.50		mg/Kg		105	66 - 120
2-Methylphenol	3.33	3.37		mg/Kg		101	63 - 120
4-Chloro-3-methylphenol	3.33	3.35		mg/Kg		100	66 - 120
2,4,6-Trichlorophenol	3.33	3.80		mg/Kg		114	58 - 120

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871469/2-A
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	3.33	3.59		mg/Kg		108	59 - 120
2,4-Dinitrotoluene	3.33	3.59		mg/Kg		108	65 - 124
4-Nitrophenol	6.67	6.68		mg/Kg		100	52 - 123
4,6-Dinitro-2-methylphenol	6.67	7.19		mg/Kg		108	50 - 136
N-Nitrosodimethylamine	3.33	2.90		mg/Kg		87	57 - 120
Pentachlorophenol	6.67	6.69		mg/Kg		100	37 - 126
Bis(2-chloroethyl)ether	3.33	3.01		mg/Kg		90	60 - 120
N-Nitrosodi-n-propylamine	3.33	3.27		mg/Kg		98	61 - 120
Hexachloroethane	3.33	3.21		mg/Kg		96	61 - 120
Nitrobenzene	3.33	3.05		mg/Kg		91	63 - 120
Isophorone	3.33	3.18		mg/Kg		95	67 - 120
Naphthalene	3.33	3.17		mg/Kg		95	63 - 120
4-Chloroaniline	3.33	1.80		mg/Kg		54	15 - 128
Hexachlorobutadiene	3.33	3.27		mg/Kg		98	62 - 120
2-Methylnaphthalene	3.33	2.87		mg/Kg		86	64 - 120
Hexachlorocyclopentadiene	3.33	3.71		mg/Kg		111	38 - 120
2-Chloronaphthalene	3.33	3.57		mg/Kg		107	60 - 120
2-Nitroaniline	3.33	3.65		mg/Kg		109	48 - 120
Dimethyl phthalate	3.33	3.50		mg/Kg		105	65 - 120
Acenaphthylene	3.33	3.27		mg/Kg		98	64 - 120
2,6-Dinitrotoluene	3.33	3.77		mg/Kg		113	67 - 121
3-Nitroaniline	3.33	2.90		mg/Kg		87	39 - 122
Acenaphthene	3.33	3.13		mg/Kg		94	49 - 120
Dibenzofuran	3.33	3.55		mg/Kg		106	61 - 120
2,4-Dinitrophenol	6.67	7.60		mg/Kg		114	36 - 129
Diethyl phthalate	3.33	3.53		mg/Kg		106	63 - 120
4-Chlorophenyl phenyl ether	3.33	3.60		mg/Kg		108	62 - 120
Fluorene	3.33	3.56		mg/Kg		107	60 - 120
4-Nitroaniline	3.33	3.11		mg/Kg		93	55 - 120
N-Nitrosodiphenylamine	3.33	3.54		mg/Kg		106	63 - 120
4-Bromophenyl phenyl ether	3.33	3.66		mg/Kg		110	67 - 120
Hexachlorobenzene	3.33	3.65		mg/Kg		110	66 - 120
Phenanthrene	3.33	3.40		mg/Kg		102	66 - 120
Anthracene	3.33	3.47		mg/Kg		104	67 - 120
Carbazole	3.33	3.40		mg/Kg		102	64 - 120
Di-n-butyl phthalate	3.33	3.56		mg/Kg		107	66 - 120
Fluoranthene	3.33	3.35		mg/Kg		100	61 - 120
Pyrene	3.33	3.76		mg/Kg		113	61 - 121
Benzidine	3.33	2.02		mg/Kg		61	10 - 137
Butyl benzyl phthalate	3.33	3.92		mg/Kg		118	62 - 127
Benzo[a]anthracene	3.33	3.67		mg/Kg		110	62 - 120
Chrysene	3.33	3.44		mg/Kg		103	63 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.90		mg/Kg		117	59 - 125
Di-n-octyl phthalate	3.33	4.27		mg/Kg		128	65 - 133
Benzo[b]fluoranthene	3.33	4.12		mg/Kg		124	70 - 125
Benzo[k]fluoranthene	3.33	3.83		mg/Kg		115	67 - 122
Benzo[a]pyrene	3.33	3.63		mg/Kg		109	73 - 123
Indeno[1,2,3-cd]pyrene	3.33	4.01		mg/Kg		120	62 - 130
Dibenz(a,h)anthracene	3.33	3.44		mg/Kg		103	66 - 128

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871469/2-A
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	3.33	3.34		mg/Kg		100	66 - 120
1,2-Diphenylhydrazine	3.33	3.57		mg/Kg		107	55 - 125
1,1'-Biphenyl	3.33	3.51		mg/Kg		105	59 - 120
Acetophenone	3.33	3.04		mg/Kg		91	61 - 120
Benzaldehyde	1.33	1.89		mg/Kg		141	34 - 150
Caprolactam	1.33	2.23	*+	mg/Kg		168	36 - 150
Atrazine	1.33	3.05	*+	mg/Kg		229	29 - 150
2,2'-oxybis[1-chloropropane]	3.33	3.01		mg/Kg		90	49 - 126
1,2,4,5-Tetrachlorobenzene	3.33	3.55		mg/Kg		106	60 - 120
2,3,4,6-Tetrachlorophenol	3.33	3.83		mg/Kg		115	54 - 120
3,3'-Dichlorobenzidine	3.33	2.10		mg/Kg		63	13 - 136
Bis(2-chloroethoxy)methane	3.33	3.15		mg/Kg		95	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
Nitrobenzene-d5 (Surr)	93		16 - 125
Phenol-d5 (Surr)	99		23 - 120
Terphenyl-d14 (Surr)	115		25 - 126
2,4,6-Tribromophenol (Surr)	120		10 - 123
2-Fluorophenol (Surr)	96		18 - 123
2-Fluorobiphenyl	101		22 - 122

Lab Sample ID: LCSD 460-871469/3-A
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871469

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenol	3.33	3.15		mg/Kg		95	63 - 120	1	30
2-Chlorophenol	3.33	3.17		mg/Kg		95	63 - 120	3	30
4-Methylphenol	3.33	3.29		mg/Kg		99	61 - 120	0	30
2-Nitrophenol	3.33	3.81		mg/Kg		114	64 - 120	1	30
2,4-Dimethylphenol	3.33	3.09		mg/Kg		93	67 - 120	0	30
2,4-Dichlorophenol	3.33	3.52		mg/Kg		106	66 - 120	0	30
2-Methylphenol	3.33	3.34		mg/Kg		100	63 - 120	1	30
4-Chloro-3-methylphenol	3.33	3.32		mg/Kg		100	66 - 120	1	30
2,4,6-Trichlorophenol	3.33	3.82		mg/Kg		115	58 - 120	1	30
2,4,5-Trichlorophenol	3.33	3.57		mg/Kg		107	59 - 120	0	30
2,4-Dinitrotoluene	3.33	3.57		mg/Kg		107	65 - 124	1	30
4-Nitrophenol	6.67	6.85		mg/Kg		103	52 - 123	2	30
4,6-Dinitro-2-methylphenol	6.67	7.34		mg/Kg		110	50 - 136	2	30
N-Nitrosodimethylamine	3.33	2.88		mg/Kg		86	57 - 120	1	30
Pentachlorophenol	6.67	6.77		mg/Kg		102	37 - 126	1	30
Bis(2-chloroethyl)ether	3.33	3.00		mg/Kg		90	60 - 120	0	30
N-Nitrosodi-n-propylamine	3.33	3.29		mg/Kg		99	61 - 120	1	30
Hexachloroethane	3.33	3.17		mg/Kg		95	61 - 120	1	30
Nitrobenzene	3.33	2.98		mg/Kg		89	63 - 120	2	30
Isophorone	3.33	3.17		mg/Kg		95	67 - 120	0	30
Naphthalene	3.33	3.20		mg/Kg		96	63 - 120	1	30
4-Chloroaniline	3.33	1.61		mg/Kg		48	15 - 128	11	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871469/3-A
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871469

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	RPD Limit
							Limits	RPD		
Hexachlorobutadiene	3.33	3.25		mg/Kg		98	62 - 120	1	30	
2-Methylnaphthalene	3.33	2.86		mg/Kg		86	64 - 120	0	30	
Hexachlorocyclopentadiene	3.33	3.74		mg/Kg		112	38 - 120	1	30	
2-Chloronaphthalene	3.33	3.56		mg/Kg		107	60 - 120	0	30	
2-Nitroaniline	3.33	3.69		mg/Kg		111	48 - 120	1	30	
Dimethyl phthalate	3.33	3.50		mg/Kg		105	65 - 120	0	30	
Acenaphthylene	3.33	3.22		mg/Kg		97	64 - 120	2	30	
2,6-Dinitrotoluene	3.33	3.78		mg/Kg		113	67 - 121	0	30	
3-Nitroaniline	3.33	2.86		mg/Kg		86	39 - 122	2	30	
Acenaphthene	3.33	3.10		mg/Kg		93	49 - 120	1	30	
Dibenzofuran	3.33	3.55		mg/Kg		107	61 - 120	0	30	
2,4-Dinitrophenol	6.67	8.09		mg/Kg		121	36 - 129	6	30	
Diethyl phthalate	3.33	3.50		mg/Kg		105	63 - 120	1	30	
4-Chlorophenyl phenyl ether	3.33	3.57		mg/Kg		107	62 - 120	1	30	
Fluorene	3.33	3.54		mg/Kg		106	60 - 120	1	30	
4-Nitroaniline	3.33	3.21		mg/Kg		96	55 - 120	3	30	
N-Nitrosodiphenylamine	3.33	3.53		mg/Kg		106	63 - 120	0	30	
4-Bromophenyl phenyl ether	3.33	3.63		mg/Kg		109	67 - 120	1	30	
Hexachlorobenzene	3.33	3.70		mg/Kg		111	66 - 120	1	30	
Phenanthrene	3.33	3.43		mg/Kg		103	66 - 120	1	30	
Anthracene	3.33	3.54		mg/Kg		106	67 - 120	2	30	
Carbazole	3.33	3.38		mg/Kg		101	64 - 120	1	30	
Di-n-butyl phthalate	3.33	3.60		mg/Kg		108	66 - 120	1	30	
Fluoranthene	3.33	3.32		mg/Kg		99	61 - 120	1	30	
Pyrene	3.33	3.81		mg/Kg		114	61 - 121	1	30	
Benzidine	3.33	2.12		mg/Kg		64	10 - 137	5	30	
Butyl benzyl phthalate	3.33	3.95		mg/Kg		118	62 - 127	1	30	
Benzo[a]anthracene	3.33	3.69		mg/Kg		111	62 - 120	0	30	
Chrysene	3.33	3.57		mg/Kg		107	63 - 120	4	30	
Bis(2-ethylhexyl) phthalate	3.33	3.95		mg/Kg		118	59 - 125	1	30	
Di-n-octyl phthalate	3.33	4.14		mg/Kg		124	65 - 133	3	30	
Benzo[b]fluoranthene	3.33	3.93		mg/Kg		118	70 - 125	5	30	
Benzo[k]fluoranthene	3.33	3.99		mg/Kg		120	67 - 122	4	30	
Benzo[a]pyrene	3.33	3.57		mg/Kg		107	73 - 123	2	30	
Indeno[1,2,3-cd]pyrene	3.33	3.92		mg/Kg		118	62 - 130	2	30	
Dibenz(a,h)anthracene	3.33	3.44		mg/Kg		103	66 - 128	0	30	
Benzo[g,h,i]perylene	3.33	3.31		mg/Kg		99	66 - 120	1	30	
1,2-Diphenylhydrazine	3.33	3.62		mg/Kg		109	55 - 125	2	30	
1,1'-Biphenyl	3.33	3.53		mg/Kg		106	59 - 120	0	30	
Acetophenone	3.33	2.96		mg/Kg		89	61 - 120	3	30	
Benzaldehyde	1.33	1.84		mg/Kg		138	34 - 150	2	30	
Caprolactam	1.33	2.27	*+	mg/Kg		170	36 - 150	1	30	
Atrazine	1.33	2.98	*+	mg/Kg		224	29 - 150	2	30	
2,2'-oxybis[1-chloropropane]	3.33	2.91		mg/Kg		87	49 - 126	3	30	
1,2,4,5-Tetrachlorobenzene	3.33	3.51		mg/Kg		105	60 - 120	1	30	
2,3,4,6-Tetrachlorophenol	3.33	3.70		mg/Kg		111	54 - 120	4	30	
3,3'-Dichlorobenzidine	3.33	2.11		mg/Kg		63	13 - 136	1	30	
Bis(2-chloroethoxy)methane	3.33	3.15		mg/Kg		94	62 - 120	0	30	

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871469/3-A
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871469

<i>Surrogate</i>	<i>LCS D %Recovery</i>	<i>LCS D Qualifier</i>	<i>Limits</i>
<i>Nitrobenzene-d5 (Surr)</i>	92		16 - 125
<i>Phenol-d5 (Surr)</i>	97		23 - 120
<i>Terphenyl-d14 (Surr)</i>	115		25 - 126
<i>2,4,6-Tribromophenol (Surr)</i>	116		10 - 123
<i>2-Fluorophenol (Surr)</i>	96		18 - 123
<i>2-Fluorobiphenyl</i>	102		22 - 122

Lab Sample ID: 460-267187-F-10-E MS
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 871469

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MS Result</i>	<i>MS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>
Phenol	0.012	U	3.39	2.79		mg/Kg	☼	82	63 - 120
2-Chlorophenol	0.012	U	3.39	2.66		mg/Kg	☼	78	63 - 120
4-Methylphenol	0.021	U	3.39	2.70		mg/Kg	☼	79	61 - 120
2-Nitrophenol	0.034	U	3.39	2.94		mg/Kg	☼	87	64 - 120
2,4-Dimethylphenol	0.040	U	3.39	2.46		mg/Kg	☼	73	67 - 120
2,4-Dichlorophenol	0.022	U	3.39	2.83		mg/Kg	☼	83	66 - 120
2-Methylphenol	0.013	U	3.39	2.75		mg/Kg	☼	81	63 - 120
4-Chloro-3-methylphenol	0.019	U	3.39	2.79		mg/Kg	☼	82	66 - 120
2,4,6-Trichlorophenol	0.043	U	3.39	3.08		mg/Kg	☼	91	58 - 120
2,4,5-Trichlorophenol	0.034	U	3.39	2.89		mg/Kg	☼	85	59 - 120
2,4-Dinitrotoluene	0.036	U	3.39	2.83		mg/Kg	☼	83	65 - 124
4-Nitrophenol	0.055	U	6.78	5.74		mg/Kg	☼	85	52 - 123
4,6-Dinitro-2-methylphenol	0.14	U F1	6.78	2.34	F1	mg/Kg	☼	34	50 - 136
N-Nitrosodimethylamine	0.031	U	3.39	2.07		mg/Kg	☼	61	57 - 120
Pentachlorophenol	0.069	U	6.78	5.67		mg/Kg	☼	84	37 - 126
Bis(2-chloroethyl)ether	0.012	U	3.39	2.41		mg/Kg	☼	71	60 - 120
N-Nitrosodi-n-propylamine	0.024	U	3.39	2.68		mg/Kg	☼	79	61 - 120
Hexachloroethane	0.012	U	3.39	2.18		mg/Kg	☼	64	61 - 120
Nitrobenzene	0.019	U	3.39	2.46		mg/Kg	☼	73	63 - 120
Isophorone	0.097	U	3.39	2.61		mg/Kg	☼	77	67 - 120
Naphthalene	0.0058	U	3.39	2.52		mg/Kg	☼	74	63 - 120
4-Chloroaniline	0.060	U	3.39	2.43		mg/Kg	☼	72	15 - 128
Hexachlorobutadiene	0.0072	U	3.39	2.43		mg/Kg	☼	72	62 - 120
2-Methylnaphthalene	0.0094	U	3.39	2.34		mg/Kg	☼	69	64 - 120
Hexachlorocyclopentadiene	0.030	U	3.39	1.63		mg/Kg	☼	48	38 - 120
2-Chloronaphthalene	0.016	U	3.39	2.85		mg/Kg	☼	84	60 - 120
2-Nitroaniline	0.026	U	3.39	2.92		mg/Kg	☼	86	48 - 120
Dimethyl phthalate	0.076	U	3.39	2.78		mg/Kg	☼	82	65 - 120
Acenaphthylene	0.0096	U	3.39	2.65		mg/Kg	☼	78	64 - 120
2,6-Dinitrotoluene	0.024	U	3.39	3.10		mg/Kg	☼	91	67 - 121
3-Nitroaniline	0.080	U	3.39	2.88		mg/Kg	☼	85	39 - 122
Acenaphthene	0.0096	U	3.39	2.49		mg/Kg	☼	73	49 - 120
Dibenzofuran	0.011	U	3.39	2.87		mg/Kg	☼	84	61 - 120
2,4-Dinitrophenol	0.17	U F1	6.78	1.86	F1	mg/Kg	☼	27	36 - 129
Diethyl phthalate	0.011	U	3.39	2.80		mg/Kg	☼	82	63 - 120
4-Chlorophenyl phenyl ether	0.012	U	3.39	2.79		mg/Kg	☼	82	62 - 120

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267187-F-10-E MS

Matrix: Solid

Analysis Batch: 871587

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 871469

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Fluorene	0.0098	U	3.39	2.82		mg/Kg	⊛	83	60 - 120
4-Nitroaniline	0.039	U	3.39	2.59		mg/Kg	⊛	76	55 - 120
N-Nitrosodiphenylamine	0.028	U	3.39	2.74		mg/Kg	⊛	81	63 - 120
4-Bromophenyl phenyl ether	0.013	U	3.39	2.84		mg/Kg	⊛	84	67 - 120
Hexachlorobenzene	0.016	U	3.39	2.84		mg/Kg	⊛	84	66 - 120
Phenanthrene	0.0059	U	3.39	2.70		mg/Kg	⊛	80	66 - 120
Anthracene	0.010	U	3.39	2.72		mg/Kg	⊛	80	67 - 120
Carbazole	0.013	U	3.39	2.73		mg/Kg	⊛	80	64 - 120
Di-n-butyl phthalate	0.013	U	3.39	2.95		mg/Kg	⊛	87	66 - 120
Fluoranthene	0.012	U	3.39	2.79		mg/Kg	⊛	82	61 - 120
Pyrene	0.0084	U	3.39	2.63		mg/Kg	⊛	77	61 - 121
Benzidine	0.071	U	3.39	1.35		mg/Kg	⊛	40	10 - 137
Butyl benzyl phthalate	0.016	U	3.39	2.78		mg/Kg	⊛	82	62 - 127
Benzo[a]anthracene	0.012	U	3.39	2.97		mg/Kg	⊛	88	62 - 120
Chrysene	0.0057	U	3.39	2.70		mg/Kg	⊛	80	63 - 120
Bis(2-ethylhexyl) phthalate	0.018	U	3.39	2.75		mg/Kg	⊛	81	59 - 125
Di-n-octyl phthalate	0.018	U	3.39	2.53		mg/Kg	⊛	75	65 - 133
Benzo[b]fluoranthene	0.0087	U	3.39	2.97		mg/Kg	⊛	88	70 - 125
Benzo[k]fluoranthene	0.0066	U	3.39	2.85		mg/Kg	⊛	84	67 - 122
Benzo[a]pyrene	0.0090	U	3.39	2.82		mg/Kg	⊛	83	73 - 123
Indeno[1,2,3-cd]pyrene	0.013	U	3.39	3.17		mg/Kg	⊛	93	62 - 130
Dibenz(a,h)anthracene	0.015	U	3.39	2.78		mg/Kg	⊛	82	66 - 128
Benzo[g,h,i]perylene	0.0099	U	3.39	2.61		mg/Kg	⊛	77	66 - 120
1,2-Diphenylhydrazine	0.013	U	3.39	2.84		mg/Kg	⊛	84	55 - 125
1,1'-Biphenyl	0.012	U	3.39	2.82		mg/Kg	⊛	83	59 - 120
Acetophenone	0.017	U	3.39	2.44		mg/Kg	⊛	72	61 - 120
Benzaldehyde	0.056	U	1.36	1.33	E	mg/Kg	⊛	98	34 - 150
Caprolactam	0.052	U *	1.36	1.54		mg/Kg	⊛	114	36 - 150
Atrazine	0.020	U F1 **	1.36	1.88		mg/Kg	⊛	138	29 - 150
2,2'-oxybis[1-chloropropane]	0.0061	U	3.39	2.39		mg/Kg	⊛	70	49 - 126
1,2,4,5-Tetrachlorobenzene	0.010	U	3.39	2.80		mg/Kg	⊛	83	60 - 120
2,3,4,6-Tetrachlorophenol	0.023	U	3.39	3.07		mg/Kg	⊛	90	54 - 120
3,3'-Dichlorobenzidine	0.051	U	3.39	2.96		mg/Kg	⊛	87	13 - 136
Bis(2-chloroethoxy)methane	0.026	U	3.39	2.55		mg/Kg	⊛	75	62 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	75	U	16 - 125
Phenol-d5 (Surr)	82	U	23 - 120
Terphenyl-d14 (Surr)	78	U	25 - 126
2,4,6-Tribromophenol (Surr)	95	U	10 - 123
2-Fluorophenol (Surr)	78	U	18 - 123
2-Fluorobiphenyl	81	U	22 - 122

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267187-F-10-F MSD

Matrix: Solid

Analysis Batch: 871587

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 871469

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Phenol	0.012	U	3.39	3.10		mg/Kg	*	91	63 - 120	11	30
2-Chlorophenol	0.012	U	3.39	2.95		mg/Kg	*	87	63 - 120	10	30
4-Methylphenol	0.021	U	3.39	2.98		mg/Kg	*	88	61 - 120	10	30
2-Nitrophenol	0.034	U	3.39	3.19		mg/Kg	*	94	64 - 120	8	30
2,4-Dimethylphenol	0.040	U	3.39	2.69		mg/Kg	*	79	67 - 120	9	30
2,4-Dichlorophenol	0.022	U	3.39	3.17		mg/Kg	*	93	66 - 120	11	30
2-Methylphenol	0.013	U	3.39	3.05		mg/Kg	*	90	63 - 120	10	30
4-Chloro-3-methylphenol	0.019	U	3.39	3.12		mg/Kg	*	92	66 - 120	11	30
2,4,6-Trichlorophenol	0.043	U	3.39	3.43		mg/Kg	*	101	58 - 120	11	30
2,4,5-Trichlorophenol	0.034	U	3.39	3.23		mg/Kg	*	95	59 - 120	11	30
2,4-Dinitrotoluene	0.036	U	3.39	3.12		mg/Kg	*	92	65 - 124	10	30
4-Nitrophenol	0.055	U	6.78	6.26		mg/Kg	*	92	52 - 123	9	30
4,6-Dinitro-2-methylphenol	0.14	U F1	6.78	2.87	F1	mg/Kg	*	42	50 - 136	21	30
N-Nitrosodimethylamine	0.031	U	3.39	2.34		mg/Kg	*	69	57 - 120	12	30
Pentachlorophenol	0.069	U	6.78	6.15		mg/Kg	*	91	37 - 126	8	30
Bis(2-chloroethyl)ether	0.012	U	3.39	2.62		mg/Kg	*	77	60 - 120	8	30
N-Nitrosodi-n-propylamine	0.024	U	3.39	2.91		mg/Kg	*	86	61 - 120	8	30
Hexachloroethane	0.012	U	3.39	2.47		mg/Kg	*	73	61 - 120	12	30
Nitrobenzene	0.019	U	3.39	2.76		mg/Kg	*	81	63 - 120	11	30
Isophorone	0.097	U	3.39	2.77		mg/Kg	*	82	67 - 120	6	30
Naphthalene	0.0058	U	3.39	2.77		mg/Kg	*	82	63 - 120	9	30
4-Chloroaniline	0.060	U	3.39	2.62		mg/Kg	*	77	15 - 128	8	30
Hexachlorobutadiene	0.0072	U	3.39	2.66		mg/Kg	*	78	62 - 120	9	30
2-Methylnaphthalene	0.0094	U	3.39	2.56		mg/Kg	*	76	64 - 120	9	30
Hexachlorocyclopentadiene	0.030	U	3.39	1.75		mg/Kg	*	52	38 - 120	7	30
2-Chloronaphthalene	0.016	U	3.39	3.11		mg/Kg	*	92	60 - 120	9	30
2-Nitroaniline	0.026	U	3.39	3.31		mg/Kg	*	98	48 - 120	12	30
Dimethyl phthalate	0.076	U	3.39	3.14		mg/Kg	*	93	65 - 120	12	30
Acenaphthylene	0.0096	U	3.39	2.89		mg/Kg	*	85	64 - 120	9	30
2,6-Dinitrotoluene	0.024	U	3.39	3.33		mg/Kg	*	98	67 - 121	7	30
3-Nitroaniline	0.080	U	3.39	3.07		mg/Kg	*	90	39 - 122	6	30
Acenaphthene	0.0096	U	3.39	2.71		mg/Kg	*	80	49 - 120	8	30
Dibenzofuran	0.011	U	3.39	3.14		mg/Kg	*	92	61 - 120	9	30
2,4-Dinitrophenol	0.17	U F1	6.78	2.51		mg/Kg	*	37	36 - 129	30	30
Diethyl phthalate	0.011	U	3.39	3.15		mg/Kg	*	93	63 - 120	12	30
4-Chlorophenyl phenyl ether	0.012	U	3.39	3.16		mg/Kg	*	93	62 - 120	13	30
Fluorene	0.0098	U	3.39	3.15		mg/Kg	*	93	60 - 120	11	30
4-Nitroaniline	0.039	U	3.39	2.71		mg/Kg	*	80	55 - 120	5	30
N-Nitrosodiphenylamine	0.028	U	3.39	3.14		mg/Kg	*	93	63 - 120	14	30
4-Bromophenyl phenyl ether	0.013	U	3.39	3.24		mg/Kg	*	96	67 - 120	13	30
Hexachlorobenzene	0.016	U	3.39	3.25		mg/Kg	*	96	66 - 120	14	30
Phenanthrene	0.0059	U	3.39	3.04		mg/Kg	*	90	66 - 120	12	30
Anthracene	0.010	U	3.39	3.05		mg/Kg	*	90	67 - 120	11	30
Carbazole	0.013	U	3.39	2.98		mg/Kg	*	88	64 - 120	9	30
Di-n-butyl phthalate	0.013	U	3.39	3.27		mg/Kg	*	97	66 - 120	10	30
Fluoranthene	0.012	U	3.39	3.04		mg/Kg	*	90	61 - 120	9	30
Pyrene	0.0084	U	3.39	2.95		mg/Kg	*	87	61 - 121	12	30
Benzidine	0.071	U	3.39	1.27		mg/Kg	*	37	10 - 137	6	30

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267187-F-10-F MSD
Matrix: Solid
Analysis Batch: 871587

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 871469

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		
Butyl benzyl phthalate	0.016	U	3.39	3.15		mg/Kg	☼	93	62 - 127	13	30
Benzo[a]anthracene	0.012	U	3.39	3.29		mg/Kg	☼	97	62 - 120	10	30
Chrysene	0.0057	U	3.39	3.10		mg/Kg	☼	91	63 - 120	14	30
Bis(2-ethylhexyl) phthalate	0.018	U	3.39	3.13		mg/Kg	☼	92	59 - 125	13	30
Di-n-octyl phthalate	0.018	U	3.39	2.90		mg/Kg	☼	85	65 - 133	14	30
Benzo[b]fluoranthene	0.0087	U	3.39	3.36		mg/Kg	☼	99	70 - 125	12	30
Benzo[k]fluoranthene	0.0066	U	3.39	3.25		mg/Kg	☼	96	67 - 122	13	30
Benzo[a]pyrene	0.0090	U	3.39	3.17		mg/Kg	☼	94	73 - 123	12	30
Indeno[1,2,3-cd]pyrene	0.013	U	3.39	3.57		mg/Kg	☼	105	62 - 130	12	30
Dibenz(a,h)anthracene	0.015	U	3.39	3.07		mg/Kg	☼	90	66 - 128	10	30
Benzo[g,h,i]perylene	0.0099	U	3.39	2.80		mg/Kg	☼	83	66 - 120	7	30
1,2-Diphenylhydrazine	0.013	U	3.39	3.19		mg/Kg	☼	94	55 - 125	12	30
1,1'-Biphenyl	0.012	U	3.39	3.14		mg/Kg	☼	92	59 - 120	10	30
Acetophenone	0.017	U	3.39	2.69		mg/Kg	☼	79	61 - 120	10	30
Benzaldehyde	0.056	U	1.36	1.49	E	mg/Kg	☼	110	34 - 150	11	30
Caprolactam	0.052	U **	1.36	1.70		mg/Kg	☼	125	36 - 150	10	30
Atrazine	0.020	U F1 **	1.36	2.08	F1	mg/Kg	☼	153	29 - 150	10	30
2,2'-oxybis[1-chloropropane]	0.0061	U	3.39	2.57		mg/Kg	☼	76	49 - 126	8	30
1,2,4,5-Tetrachlorobenzene	0.010	U	3.39	3.02		mg/Kg	☼	89	60 - 120	8	30
2,3,4,6-Tetrachlorophenol	0.023	U	3.39	3.37		mg/Kg	☼	99	54 - 120	9	30
3,3'-Dichlorobenzidine	0.051	U	3.39	3.31		mg/Kg	☼	97	13 - 136	11	30
Bis(2-chloroethoxy)methane	0.026	U	3.39	2.73		mg/Kg	☼	81	62 - 120	7	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	78		16 - 125
Phenol-d5 (Surr)	88		23 - 120
Terphenyl-d14 (Surr)	87		25 - 126
2,4,6-Tribromophenol (Surr)	101		10 - 123
2-Fluorophenol (Surr)	83		18 - 123
2-Fluorobiphenyl	86		22 - 122

Lab Sample ID: MB 460-871940/1-A
Matrix: Solid
Analysis Batch: 872070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871940

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		10/14/22 09:48	10/14/22 21:58	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/14/22 21:58	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/14/22 21:58	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/14/22 21:58	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/14/22 21:58	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/14/22 09:48	10/14/22 21:58	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:48	10/14/22 21:58	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:48	10/14/22 21:58	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:48	10/14/22 21:58	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:48	10/14/22 21:58	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:48	10/14/22 21:58	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:48	10/14/22 21:58	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871940/1-A
Matrix: Solid
Analysis Batch: 872070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871940

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	92		52 - 137	10/14/22 09:48	10/14/22 21:58	1
Phenol-d5 (Surr)	30		10 - 56	10/14/22 09:48	10/14/22 21:58	1
Terphenyl-d14 (Surr)	75		22 - 150	10/14/22 09:48	10/14/22 21:58	1
2,4,6-Tribromophenol (Surr)	123		37 - 150	10/14/22 09:48	10/14/22 21:58	1
2-Fluorophenol (Surr)	44		19 - 80	10/14/22 09:48	10/14/22 21:58	1
2-Fluorobiphenyl	97		46 - 139	10/14/22 09:48	10/14/22 21:58	1

Lab Sample ID: LCS 460-871940/2-A
Matrix: Solid
Analysis Batch: 872070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	RPD
1,4-Dichlorobenzene	0.0800	0.0778		mg/L		97	35 - 120	
2-Methylphenol	0.0800	0.0533		mg/L		67	44 - 120	
2,4,6-Trichlorophenol	0.0800	0.0899		mg/L		112	61 - 120	
3 & 4 Methylphenol	0.0800	0.0464		mg/L		58	35 - 120	
2,4,5-Trichlorophenol	0.0800	0.0894		mg/L		112	58 - 120	
2,4-Dinitrotoluene	0.0800	0.109	*+	mg/L		136	68 - 134	
Pentachlorophenol	0.160	0.182		mg/L		114	24 - 131	
Pyridine	0.160	0.0514		mg/L		32	10 - 120	
Hexachloroethane	0.0800	0.0761		mg/L		95	26 - 120	
Nitrobenzene	0.0800	0.0851		mg/L		106	64 - 120	
Hexachlorobutadiene	0.0800	0.0913		mg/L		114	27 - 127	
Hexachlorobenzene	0.0800	0.0934		mg/L		117	61 - 128	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	95		52 - 137
Phenol-d5 (Surr)	27		10 - 56
Terphenyl-d14 (Surr)	77		22 - 150
2,4,6-Tribromophenol (Surr)	132		37 - 150
2-Fluorophenol (Surr)	43		19 - 80
2-Fluorobiphenyl	99		46 - 139

Lab Sample ID: LCSD 460-871940/3-A
Matrix: Solid
Analysis Batch: 872070

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871940

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
1,4-Dichlorobenzene	0.0800	0.0783		mg/L		98	35 - 120	1	30	
2-Methylphenol	0.0800	0.0541		mg/L		68	44 - 120	2	30	
2,4,6-Trichlorophenol	0.0800	0.0912		mg/L		114	61 - 120	1	30	
3 & 4 Methylphenol	0.0800	0.0462		mg/L		58	35 - 120	0	30	
2,4,5-Trichlorophenol	0.0800	0.0887		mg/L		111	58 - 120	1	30	
2,4-Dinitrotoluene	0.0800	0.109	*+	mg/L		137	68 - 134	0	30	
Pentachlorophenol	0.160	0.183		mg/L		114	24 - 131	0	30	
Pyridine	0.160	0.0516		mg/L		32	10 - 120	0	30	
Hexachloroethane	0.0800	0.0764		mg/L		96	26 - 120	0	30	
Nitrobenzene	0.0800	0.0848		mg/L		106	64 - 120	0	30	

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871940/3-A
Matrix: Solid
Analysis Batch: 872070

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871940

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	0.0800	0.0919		mg/L		115	27 - 127	1	30
Hexachlorobenzene	0.0800	0.0936		mg/L		117	61 - 128	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Nitrobenzene-d5 (Surr)	94		52 - 137
Phenol-d5 (Surr)	28		10 - 56
Terphenyl-d14 (Surr)	77		22 - 150
2,4,6-Tribromophenol (Surr)	131		37 - 150
2-Fluorophenol (Surr)	43		19 - 80
2-Fluorobiphenyl	99		46 - 139

Lab Sample ID: LB 460-871830/1-B
Matrix: Solid
Analysis Batch: 872070

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 871940

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		10/14/22 09:48	10/14/22 23:04	1
2-Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/14/22 23:04	1
2,4,6-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/14/22 23:04	1
3 & 4 Methylphenol	0.00060	U	0.010	0.00060	mg/L		10/14/22 09:48	10/14/22 23:04	1
2,4,5-Trichlorophenol	0.00080	U	0.010	0.00080	mg/L		10/14/22 09:48	10/14/22 23:04	1
2,4-Dinitrotoluene	0.0010	U	0.010	0.0010	mg/L		10/14/22 09:48	10/14/22 23:04	1
Pentachlorophenol	0.0014	U	0.030	0.0014	mg/L		10/14/22 09:48	10/14/22 23:04	1
Pyridine	0.0019	U	0.010	0.0019	mg/L		10/14/22 09:48	10/14/22 23:04	1
Hexachloroethane	0.0012	U	0.0020	0.0012	mg/L		10/14/22 09:48	10/14/22 23:04	1
Nitrobenzene	0.00060	U	0.0010	0.00060	mg/L		10/14/22 09:48	10/14/22 23:04	1
Hexachlorobutadiene	0.00080	U	0.0020	0.00080	mg/L		10/14/22 09:48	10/14/22 23:04	1
Hexachlorobenzene	0.00040	U	0.0010	0.00040	mg/L		10/14/22 09:48	10/14/22 23:04	1

Surrogate	LB %Recovery	LB Qualifier	LB Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	89		52 - 137	10/14/22 09:48	10/14/22 23:04	1
Phenol-d5 (Surr)	29		10 - 56	10/14/22 09:48	10/14/22 23:04	1
Terphenyl-d14 (Surr)	91		22 - 150	10/14/22 09:48	10/14/22 23:04	1
2,4,6-Tribromophenol (Surr)	121		37 - 150	10/14/22 09:48	10/14/22 23:04	1
2-Fluorophenol (Surr)	43		19 - 80	10/14/22 09:48	10/14/22 23:04	1
2-Fluorobiphenyl	95		46 - 139	10/14/22 09:48	10/14/22 23:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-871557/1-A
Matrix: Solid
Analysis Batch: 871623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871557

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		10/12/22 18:12	10/13/22 05:55	1
4,4'-DDD	0.0011	U	0.0067	0.0011	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
4,4'-DDE	0.00079	U	0.0067	0.00079	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
4,4'-DDE	0.00079	U	0.0067	0.00079	mg/Kg		10/12/22 18:12	10/13/22 05:55	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871557/1-A
Matrix: Solid
Analysis Batch: 871623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871557

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDT	0.0012	U	0.0067	0.0012	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
4,4'-DDT	0.0012	U	0.0067	0.0012	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Aldrin	0.0010	U	0.0067	0.0010	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Aldrin	0.0010	U	0.0067	0.0010	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
alpha-BHC	0.00068	U	0.0020	0.00068	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
alpha-BHC	0.00068	U	0.0020	0.00068	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
beta-BHC	0.00075	U	0.0020	0.00075	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
beta-BHC	0.00075	U	0.0020	0.00075	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Chlordane (technical)	0.016	U	0.067	0.016	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Chlordane (technical)	0.016	U	0.067	0.016	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
delta-BHC	0.00041	U	0.0020	0.00041	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
delta-BHC	0.00041	U	0.0020	0.00041	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Dieldrin	0.00087	U	0.0020	0.00087	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Dieldrin	0.00087	U	0.0020	0.00087	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endosulfan I	0.0010	U	0.0067	0.0010	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endosulfan I	0.0010	U	0.0067	0.0010	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endosulfan II	0.0017	U	0.0067	0.0017	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endosulfan II	0.0017	U	0.0067	0.0017	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endosulfan sulfate	0.00084	U	0.0067	0.00084	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endosulfan sulfate	0.00084	U	0.0067	0.00084	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endrin	0.00096	U	0.0067	0.00096	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endrin	0.00096	U	0.0067	0.00096	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endrin aldehyde	0.0016	U	0.0067	0.0016	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endrin aldehyde	0.0016	U	0.0067	0.0016	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endrin ketone	0.0013	U	0.0067	0.0013	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Endrin ketone	0.0013	U	0.0067	0.0013	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
gamma-BHC (Lindane)	0.00062	U	0.0020	0.00062	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
gamma-BHC (Lindane)	0.00062	U	0.0020	0.00062	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Heptachlor	0.00079	U	0.0067	0.00079	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Heptachlor	0.00079	U	0.0067	0.00079	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Heptachlor epoxide	0.0010	U	0.0067	0.0010	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Heptachlor epoxide	0.0010	U	0.0067	0.0010	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Methoxychlor	0.0015	U	0.0067	0.0015	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Methoxychlor	0.0015	U	0.0067	0.0015	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Toxaphene	0.024	U	0.067	0.024	mg/Kg		10/12/22 18:12	10/13/22 05:55	1
Toxaphene	0.024	U	0.067	0.024	mg/Kg		10/12/22 18:12	10/13/22 05:55	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	139		43 - 150	10/12/22 18:12	10/13/22 05:55	1
DCB Decachlorobiphenyl	98		43 - 150	10/12/22 18:12	10/13/22 05:55	1
Tetrachloro-m-xylene	96		26 - 137	10/12/22 18:12	10/13/22 05:55	1
Tetrachloro-m-xylene	86		26 - 137	10/12/22 18:12	10/13/22 05:55	1

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871557/2-A
Matrix: Solid
Analysis Batch: 871623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.167		mg/Kg		125	64 - 132
4,4'-DDD	0.133	0.146		mg/Kg		110	64 - 132
4,4'-DDE	0.133	0.158		mg/Kg		118	71 - 137
4,4'-DDE	0.133	0.122		mg/Kg		91	71 - 137
4,4'-DDT	0.133	0.182		mg/Kg		136	55 - 138
4,4'-DDT	0.133	0.155		mg/Kg		116	55 - 138
Aldrin	0.133	0.148		mg/Kg		111	67 - 130
Aldrin	0.133	0.133		mg/Kg		100	67 - 130
alpha-BHC	0.133	0.141		mg/Kg		106	72 - 132
alpha-BHC	0.133	0.133		mg/Kg		100	72 - 132
beta-BHC	0.133	0.140		mg/Kg		105	71 - 137
beta-BHC	0.133	0.140		mg/Kg		105	71 - 137
delta-BHC	0.133	0.137		mg/Kg		103	61 - 143
delta-BHC	0.133	0.143		mg/Kg		107	61 - 143
Dieldrin	0.133	0.162		mg/Kg		121	66 - 135
Dieldrin	0.133	0.133		mg/Kg		100	66 - 135
Endosulfan I	0.133	0.154		mg/Kg		116	64 - 135
Endosulfan I	0.133	0.128		mg/Kg		96	64 - 135
Endosulfan II	0.133	0.167		mg/Kg		125	64 - 130
Endosulfan II	0.133	0.146		mg/Kg		109	64 - 130
Endosulfan sulfate	0.133	0.157		mg/Kg		118	61 - 134
Endosulfan sulfate	0.133	0.139		mg/Kg		104	61 - 134
Endrin	0.133	0.155		mg/Kg		116	63 - 136
Endrin	0.133	0.135		mg/Kg		101	63 - 136
Endrin aldehyde	0.133	0.151		mg/Kg		113	60 - 132
Endrin aldehyde	0.133	0.143		mg/Kg		107	60 - 132
Endrin ketone	0.133	0.185		mg/Kg		139	48 - 150
Endrin ketone	0.133	0.142		mg/Kg		106	48 - 150
gamma-BHC (Lindane)	0.133	0.145		mg/Kg		109	70 - 134
gamma-BHC (Lindane)	0.133	0.133		mg/Kg		100	70 - 134
Heptachlor	0.133	0.156		mg/Kg		117	62 - 134
Heptachlor	0.133	0.138		mg/Kg		104	62 - 134
Heptachlor epoxide	0.133	0.146		mg/Kg		110	65 - 127
Heptachlor epoxide	0.133	0.130		mg/Kg		98	65 - 127
Methoxychlor	0.133	0.193	*+	mg/Kg		145	49 - 128
Methoxychlor	0.133	0.159		mg/Kg		119	49 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	126		43 - 150
DCB Decachlorobiphenyl	89		43 - 150
Tetrachloro-m-xylene	87		26 - 137
Tetrachloro-m-xylene	79		26 - 137

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871557/3-A

Matrix: Solid

Analysis Batch: 871623

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 871557

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD
									Limit
4,4'-DDD	0.133	0.169		mg/Kg		127	64 - 132	1	30
4,4'-DDD	0.133	0.151		mg/Kg		113	64 - 132	3	30
4,4'-DDE	0.133	0.159		mg/Kg		119	71 - 137	1	30
4,4'-DDE	0.133	0.124		mg/Kg		93	71 - 137	2	30
4,4'-DDT	0.133	0.183		mg/Kg		137	55 - 138	1	30
4,4'-DDT	0.133	0.156		mg/Kg		117	55 - 138	1	30
Aldrin	0.133	0.153		mg/Kg		115	67 - 130	3	30
Aldrin	0.133	0.137		mg/Kg		103	67 - 130	3	30
alpha-BHC	0.133	0.145		mg/Kg		109	72 - 132	3	30
alpha-BHC	0.133	0.136		mg/Kg		102	72 - 132	2	30
beta-BHC	0.133	0.145		mg/Kg		109	71 - 137	4	30
beta-BHC	0.133	0.143		mg/Kg		107	71 - 137	2	30
delta-BHC	0.133	0.141		mg/Kg		106	61 - 143	3	30
delta-BHC	0.133	0.146		mg/Kg		109	61 - 143	2	30
Dieldrin	0.133	0.164		mg/Kg		123	66 - 135	1	30
Dieldrin	0.133	0.138		mg/Kg		103	66 - 135	3	30
Endosulfan I	0.133	0.157		mg/Kg		118	64 - 135	2	30
Endosulfan I	0.133	0.133		mg/Kg		100	64 - 135	4	30
Endosulfan II	0.133	0.170		mg/Kg		127	64 - 130	2	30
Endosulfan II	0.133	0.151		mg/Kg		113	64 - 130	3	30
Endosulfan sulfate	0.133	0.160		mg/Kg		120	61 - 134	2	30
Endosulfan sulfate	0.133	0.144		mg/Kg		108	61 - 134	3	30
Endrin	0.133	0.158		mg/Kg		119	63 - 136	2	30
Endrin	0.133	0.139		mg/Kg		104	63 - 136	3	30
Endrin aldehyde	0.133	0.155		mg/Kg		116	60 - 132	2	30
Endrin aldehyde	0.133	0.151		mg/Kg		113	60 - 132	5	30
Endrin ketone	0.133	0.189		mg/Kg		142	48 - 150	2	30
Endrin ketone	0.133	0.147		mg/Kg		110	48 - 150	4	30
gamma-BHC (Lindane)	0.133	0.150		mg/Kg		112	70 - 134	3	30
gamma-BHC (Lindane)	0.133	0.136		mg/Kg		102	70 - 134	2	30
Heptachlor	0.133	0.159		mg/Kg		120	62 - 134	2	30
Heptachlor	0.133	0.142		mg/Kg		107	62 - 134	3	30
Heptachlor epoxide	0.133	0.151		mg/Kg		113	65 - 127	3	30
Heptachlor epoxide	0.133	0.135		mg/Kg		101	65 - 127	3	30
Methoxychlor	0.133	0.192	*+	mg/Kg		144	49 - 128	1	30
Methoxychlor	0.133	0.161		mg/Kg		121	49 - 128	1	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	132		43 - 150
DCB Decachlorobiphenyl	94		43 - 150
Tetrachloro-m-xylene	91		26 - 137
Tetrachloro-m-xylene	80		26 - 137

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871988/1-A
Matrix: Solid
Analysis Batch: 872309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871988

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/14/22 13:02	10/17/22 05:10	1
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/14/22 13:02	10/17/22 05:10	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 05:10	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 05:10	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 05:10	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 05:10	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/14/22 13:02	10/17/22 05:10	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/14/22 13:02	10/17/22 05:10	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 05:10	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 05:10	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 05:10	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 05:10	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 05:10	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 05:10	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	126	S1+	15 - 121	10/14/22 13:02	10/17/22 05:10	1
DCB Decachlorobiphenyl	91		15 - 121	10/14/22 13:02	10/17/22 05:10	1
Tetrachloro-m-xylene	36		17 - 120	10/14/22 13:02	10/17/22 05:10	1
Tetrachloro-m-xylene	33		17 - 120	10/14/22 13:02	10/17/22 05:10	1

Lab Sample ID: LCS 460-871988/2-A
Matrix: Solid
Analysis Batch: 872309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871988

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Endrin	0.000800	0.000866		mg/L		108	57 - 135
Endrin	0.000800	0.000765		mg/L		96	57 - 135
gamma-BHC (Lindane)	0.000800	0.000825		mg/L		103	65 - 123
gamma-BHC (Lindane)	0.000800	0.000765		mg/L		96	65 - 123
Heptachlor	0.000800	0.000669		mg/L		84	59 - 120
Heptachlor	0.000800	0.000612		mg/L		77	59 - 120
Heptachlor epoxide	0.000800	0.000825		mg/L		103	59 - 128
Heptachlor epoxide	0.000800	0.000750		mg/L		94	59 - 128
Methoxychlor	0.000800	0.000996		mg/L		124	35 - 138
Methoxychlor	0.000800	0.000777		mg/L		97	35 - 138

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	82		15 - 121
DCB Decachlorobiphenyl	58		15 - 121
Tetrachloro-m-xylene	46		17 - 120
Tetrachloro-m-xylene	45		17 - 120

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871988/3-A

Matrix: Solid

Analysis Batch: 872309

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 871988

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin	0.000800	0.000867		mg/L		108	57 - 135	0	30
Endrin	0.000800	0.000758		mg/L		95	57 - 135	1	30
gamma-BHC (Lindane)	0.000800	0.000820		mg/L		103	65 - 123	1	30
gamma-BHC (Lindane)	0.000800	0.000752		mg/L		94	65 - 123	2	30
Heptachlor	0.000800	0.000679		mg/L		85	59 - 120	2	30
Heptachlor	0.000800	0.000622		mg/L		78	59 - 120	2	30
Heptachlor epoxide	0.000800	0.000832		mg/L		104	59 - 128	1	30
Heptachlor epoxide	0.000800	0.000742		mg/L		93	59 - 128	1	30
Methoxychlor	0.000800	0.000970		mg/L		121	35 - 138	3	30
Methoxychlor	0.000800	0.000757		mg/L		95	35 - 138	3	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	86		15 - 121
DCB Decachlorobiphenyl	61		15 - 121
Tetrachloro-m-xylene	42		17 - 120
Tetrachloro-m-xylene	38		17 - 120

Lab Sample ID: MB 460-872490/1-A

Matrix: Solid

Analysis Batch: 872511

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 872490

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 21:30	10/18/22 09:31	1
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/17/22 21:30	10/18/22 09:31	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:30	10/18/22 09:31	1
Endrin	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:30	10/18/22 09:31	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:30	10/18/22 09:31	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/17/22 21:30	10/18/22 09:31	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:30	10/18/22 09:31	1
Heptachlor	0.0000030	U	0.00050	0.0000030	mg/L		10/17/22 21:30	10/18/22 09:31	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:30	10/18/22 09:31	1
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/17/22 21:30	10/18/22 09:31	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:30	10/18/22 09:31	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/17/22 21:30	10/18/22 09:31	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:30	10/18/22 09:31	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/17/22 21:30	10/18/22 09:31	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	131	S1+	15 - 121	10/17/22 21:30	10/18/22 09:31	1
DCB Decachlorobiphenyl	93		15 - 121	10/17/22 21:30	10/18/22 09:31	1
Tetrachloro-m-xylene	81		17 - 120	10/17/22 21:30	10/18/22 09:31	1
Tetrachloro-m-xylene	71		17 - 120	10/17/22 21:30	10/18/22 09:31	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-872490/2-A
Matrix: Solid
Analysis Batch: 872511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin	0.000800	0.000823		mg/L		103	57 - 135
Endrin	0.000800	0.000722		mg/L		90	57 - 135
gamma-BHC (Lindane)	0.000800	0.000780		mg/L		98	65 - 123
gamma-BHC (Lindane)	0.000800	0.000720		mg/L		90	65 - 123
Heptachlor	0.000800	0.000823		mg/L		103	59 - 120
Heptachlor	0.000800	0.000752		mg/L		94	59 - 120
Heptachlor epoxide	0.000800	0.000793		mg/L		99	59 - 128
Heptachlor epoxide	0.000800	0.000707		mg/L		88	59 - 128
Methoxychlor	0.000800	0.000955		mg/L		119	35 - 138
Methoxychlor	0.000800	0.000754		mg/L		94	35 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	123	S1+	15 - 121
DCB Decachlorobiphenyl	86		15 - 121
Tetrachloro-m-xylene	81		17 - 120
Tetrachloro-m-xylene	73		17 - 120

Lab Sample ID: LCSD 460-872490/3-A
Matrix: Solid
Analysis Batch: 872511

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 872490

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Endrin	0.000800	0.000817		mg/L		102	57 - 135	1	30
Endrin	0.000800	0.000725		mg/L		91	57 - 135	0	30
gamma-BHC (Lindane)	0.000800	0.000765		mg/L		96	65 - 123	2	30
gamma-BHC (Lindane)	0.000800	0.000700		mg/L		87	65 - 123	3	30
Heptachlor	0.000800	0.000809		mg/L		101	59 - 120	2	30
Heptachlor	0.000800	0.000735		mg/L		92	59 - 120	2	30
Heptachlor epoxide	0.000800	0.000785		mg/L		98	59 - 128	1	30
Heptachlor epoxide	0.000800	0.000704		mg/L		88	59 - 128	0	30
Methoxychlor	0.000800	0.000944		mg/L		118	35 - 138	1	30
Methoxychlor	0.000800	0.000757		mg/L		95	35 - 138	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	130	S1+	15 - 121
DCB Decachlorobiphenyl	91		15 - 121
Tetrachloro-m-xylene	84		17 - 120
Tetrachloro-m-xylene	75		17 - 120

Lab Sample ID: LB 460-871830/1-D
Matrix: Solid
Analysis Batch: 872309

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 871988

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000055	U	0.0050	0.000055	mg/L		10/14/22 13:02	10/17/22 06:12	1
Endrin	0.000040	U	0.00050	0.000040	mg/L		10/14/22 13:02	10/17/22 06:12	1
gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012	mg/L		10/14/22 13:02	10/17/22 06:12	1
Heptachlor	0.000030	U	0.00050	0.000030	mg/L		10/14/22 13:02	10/17/22 06:12	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LB 460-871830/1-D
Matrix: Solid
Analysis Batch: 872309

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 871988

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Heptachlor epoxide	0.0000050	U	0.00050	0.0000050	mg/L		10/14/22 13:02	10/17/22 06:12	1
Methoxychlor	0.0000040	U	0.00050	0.0000040	mg/L		10/14/22 13:02	10/17/22 06:12	1
Toxaphene	0.00011	U	0.0050	0.00011	mg/L		10/14/22 13:02	10/17/22 06:12	1

Surrogate	LB	LB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	133	S1+	15 - 121	10/14/22 13:02	10/17/22 06:12	1
DCB Decachlorobiphenyl	97		15 - 121	10/14/22 13:02	10/17/22 06:12	1
Tetrachloro-m-xylene	52		17 - 120	10/14/22 13:02	10/17/22 06:12	1
Tetrachloro-m-xylene	46		17 - 120	10/14/22 13:02	10/17/22 06:12	1

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

Lab Sample ID: MB 460-871554/1-A
Matrix: Solid
Analysis Batch: 871692

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871554

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor-1262	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor-1262	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Polychlorinated biphenyls, Total	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1
Polychlorinated biphenyls, Total	0.018	U	0.067	0.018	mg/Kg		10/12/22 17:58	10/13/22 09:46	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	117		10 - 150	10/12/22 17:58	10/13/22 09:46	1
DCB Decachlorobiphenyl	98		10 - 150	10/12/22 17:58	10/13/22 09:46	1
Tetrachloro-m-xylene	109		42 - 150	10/12/22 17:58	10/13/22 09:46	1
Tetrachloro-m-xylene	79		42 - 150	10/12/22 17:58	10/13/22 09:46	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-871554/2-A
Matrix: Solid
Analysis Batch: 871692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.316		mg/Kg		95	65 - 133
Aroclor 1016	0.333	0.294		mg/Kg		88	65 - 133
Aroclor 1260	0.333	0.309		mg/Kg		93	67 - 150
Aroclor 1260	0.333	0.293		mg/Kg		88	67 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	101		10 - 150
DCB Decachlorobiphenyl	106		10 - 150
Tetrachloro-m-xylene	99		42 - 150
Tetrachloro-m-xylene	96		42 - 150

Lab Sample ID: LCSD 460-871554/3-A
Matrix: Solid
Analysis Batch: 871692

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871554

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.315		mg/Kg		95	65 - 133	7	30
Aroclor 1016	0.333	0.323		mg/Kg		97	65 - 133	2	30
Aroclor 1260	0.333	0.311		mg/Kg		93	67 - 150	1	30
Aroclor 1260	0.333	0.298		mg/Kg		89	67 - 150	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	104		10 - 150
DCB Decachlorobiphenyl	106		10 - 150
Tetrachloro-m-xylene	99		42 - 150
Tetrachloro-m-xylene	97		42 - 150

Lab Sample ID: 460-267313-A-2-B MS
Matrix: Solid
Analysis Batch: 871692

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 871554

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.043	U	0.813	0.803		mg/Kg	⊛	99	65 - 133
Aroclor 1016	0.043	U	0.813	0.729		mg/Kg	⊛	90	65 - 133
Aroclor 1260	0.043	U	0.813	0.771		mg/Kg	⊛	95	67 - 150
Aroclor 1260	0.043	U	0.813	0.687		mg/Kg	⊛	84	67 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	99		10 - 150
DCB Decachlorobiphenyl	93		10 - 150
Tetrachloro-m-xylene	96		42 - 150
Tetrachloro-m-xylene	91		42 - 150

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267313-A-2-C MSD

Matrix: Solid

Analysis Batch: 871692

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 871554

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Aroclor 1016	0.043	U	0.811	0.704		mg/Kg	☼	87	65 - 133	13	30
Aroclor 1016	0.043	U	0.811	0.697		mg/Kg	☼	86	65 - 133	5	30
Aroclor 1260	0.043	U	0.811	0.675		mg/Kg	☼	83	67 - 150	13	30
Aroclor 1260	0.043	U	0.811	0.626		mg/Kg	☼	77	67 - 150	9	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	91		10 - 150
DCB Decachlorobiphenyl	86		10 - 150
Tetrachloro-m-xylene	89		42 - 150
Tetrachloro-m-xylene	85		42 - 150

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-871480/1-A

Matrix: Solid

Analysis Batch: 871939

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 871480

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		10/12/22 10:43	10/14/22 11:31	1
2,4-D	0.012	U	0.033	0.012	mg/Kg		10/12/22 10:43	10/14/22 11:31	1
Silvex (2,4,5-TP)	0.0035	U	0.033	0.0035	mg/Kg		10/12/22 10:43	10/14/22 11:31	1
Silvex (2,4,5-TP)	0.0035	U	0.033	0.0035	mg/Kg		10/12/22 10:43	10/14/22 11:31	1
2,4,5-T	0.0071	U	0.033	0.0071	mg/Kg		10/12/22 10:43	10/14/22 11:31	1
2,4,5-T	0.0071	U	0.033	0.0071	mg/Kg		10/12/22 10:43	10/14/22 11:31	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	35		27 - 150	10/12/22 10:43	10/14/22 11:31	1
2,4-Dichlorophenylacetic acid	35		27 - 150	10/12/22 10:43	10/14/22 11:31	1

Lab Sample ID: LCS 460-871480/2-A

Matrix: Solid

Analysis Batch: 871650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 871480

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
2,4-D	0.167	0.155		mg/Kg		93	46 - 150
2,4-D	0.167	0.160		mg/Kg		96	46 - 150
Silvex (2,4,5-TP)	0.0417	0.0401		mg/Kg		96	41 - 150
Silvex (2,4,5-TP)	0.0417	0.0378		mg/Kg		91	41 - 150
2,4,5-T	0.0417	0.0384		mg/Kg		92	10 - 150
2,4,5-T	0.0417	0.0450		mg/Kg		108	10 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	102		27 - 150
2,4-Dichlorophenylacetic acid	105		27 - 150

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSD 460-871480/3-A
Matrix: Solid
Analysis Batch: 871650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871480

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
2,4-D	0.167	0.157		mg/Kg		94	46 - 150	2	30	
2,4-D	0.167	0.162		mg/Kg		97	46 - 150	2	30	
Silvex (2,4,5-TP)	0.0417	0.0404		mg/Kg		97	41 - 150	1	30	
Silvex (2,4,5-TP)	0.0417	0.0382		mg/Kg		92	41 - 150	1	30	
2,4,5-T	0.0417	0.0389		mg/Kg		93	10 - 150	1	30	
2,4,5-T	0.0417	0.0454		mg/Kg		109	10 - 150	1	30	

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	104		27 - 150
2,4-Dichlorophenylacetic acid	106		27 - 150

Lab Sample ID: 460-267187-F-10-H MS
Matrix: Solid
Analysis Batch: 871650

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 871480

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
2,4-D	0.012	U	0.169	0.204		mg/Kg	✳	120	46 - 150			
2,4-D	0.012	U	0.169	0.218		mg/Kg	✳	128	46 - 150			
Silvex (2,4,5-TP)	0.0035	U	0.0424	0.0540		mg/Kg	✳	127	41 - 150			
Silvex (2,4,5-TP)	0.0035	U	0.0424	0.0514		mg/Kg	✳	121	41 - 150			
2,4,5-T	0.0072	U	0.0424	0.0526		mg/Kg	✳	124	10 - 150			
2,4,5-T	0.0072	U	0.0424	0.0524		mg/Kg	✳	124	10 - 150			

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4-Dichlorophenylacetic acid	99		27 - 150
2,4-Dichlorophenylacetic acid	103		27 - 150

Lab Sample ID: 460-267187-F-10-I MSD
Matrix: Solid
Analysis Batch: 871650

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 871480

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
2,4-D	0.012	U	0.169	0.206		mg/Kg	✳	121	46 - 150	1	30	
2,4-D	0.012	U	0.169	0.216		mg/Kg	✳	127	46 - 150	1	30	
Silvex (2,4,5-TP)	0.0035	U	0.0423	0.0546		mg/Kg	✳	129	41 - 150	1	30	
Silvex (2,4,5-TP)	0.0035	U	0.0423	0.0517		mg/Kg	✳	122	41 - 150	0	30	
2,4,5-T	0.0072	U	0.0423	0.0532		mg/Kg	✳	126	10 - 150	1	30	
2,4,5-T	0.0072	U	0.0423	0.0526		mg/Kg	✳	124	10 - 150	0	30	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	101		27 - 150
2,4-Dichlorophenylacetic acid	101		27 - 150

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: MB 460-871941/1-A
Matrix: Solid
Analysis Batch: 872340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871941

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		10/14/22 09:54	10/17/22 08:59	1
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/14/22 09:54	10/17/22 08:59	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 08:59	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 08:59	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 08:59	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 08:59	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	19		10 - 150	10/14/22 09:54	10/17/22 08:59	1
2,4-Dichlorophenylacetic acid	19		10 - 150	10/14/22 09:54	10/17/22 08:59	1

Lab Sample ID: LCS 460-871941/2-A
Matrix: Solid
Analysis Batch: 872340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871941

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
2,4-D	0.133	0.131		mg/L		98	51 - 150
2,4-D	0.133	0.136		mg/L		102	51 - 150
Silvex (2,4,5-TP)	0.0333	0.0284	J	mg/L		85	50 - 150
Silvex (2,4,5-TP)	0.0333	0.0267	J	mg/L		80	50 - 150
2,4,5-T	0.0333	0.0319	J	mg/L		96	45 - 150
2,4,5-T	0.0333	0.0381	J	mg/L		114	45 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	61		10 - 150
2,4-Dichlorophenylacetic acid	62		10 - 150

Lab Sample ID: LCSD 460-871941/3-A
Matrix: Solid
Analysis Batch: 872340

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871941

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
2,4-D	0.133	0.131		mg/L		98	51 - 150	0	30
2,4-D	0.133	0.139		mg/L		104	51 - 150	2	30
Silvex (2,4,5-TP)	0.0333	0.0288	J	mg/L		86	50 - 150	1	30
Silvex (2,4,5-TP)	0.0333	0.0268	J	mg/L		80	50 - 150	0	30
2,4,5-T	0.0333	0.0330	J	mg/L		99	45 - 150	3	30
2,4,5-T	0.0333	0.0387	J	mg/L		116	45 - 150	1	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	61		10 - 150
2,4-Dichlorophenylacetic acid	63		10 - 150

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LB 460-871830/1-C
Matrix: Solid
Analysis Batch: 872340

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 871941

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	0.0050	U	0.083	0.0050	mg/L		10/14/22 09:54	10/17/22 09:39	1
Silvex (2,4,5-TP)	0.0040	U	0.083	0.0040	mg/L		10/14/22 09:54	10/17/22 09:39	1
2,4,5-T	0.0020	U	0.083	0.0020	mg/L		10/14/22 09:54	10/17/22 09:39	1
Surrogate	LB LB		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
2,4-Dichlorophenylacetic acid	25		10 - 150				10/14/22 09:54	10/17/22 09:39	1
2,4-Dichlorophenylacetic acid	26		10 - 150				10/14/22 09:54	10/17/22 09:39	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 460-871719/1-A
Matrix: Solid
Analysis Batch: 871826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871719

Analyte	MB MB		RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total EPH (C9-C40)	14	U	14	14	mg/Kg		10/13/22 10:42	10/13/22 19:24	1
Surrogate	MB MB		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
o-Terphenyl	89		40 - 140				10/13/22 10:42	10/13/22 19:24	1
1-Chlorooctadecane	93		40 - 140				10/13/22 10:42	10/13/22 19:24	1

Lab Sample ID: LCS 460-871719/2-A
Matrix: Solid
Analysis Batch: 871826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871719

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
Total EPH (C9-C40)	133	106		mg/Kg		80	40 - 140	
Surrogate	LCS LCS		Limits			D	%Rec	RPD
	%Recovery	Qualifier						
o-Terphenyl	72		40 - 140					
1-Chlorooctadecane	115		40 - 140					

Lab Sample ID: LCSD 460-871719/3-A
Matrix: Solid
Analysis Batch: 871826

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 871719

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD
		Result	Qualifier				Limits	RPD	
Total EPH (C9-C40)	133	144	*1	mg/Kg		108	40 - 140	30	25
Surrogate	LCSD LCSD		Limits			D	%Rec	RPD	
	%Recovery	Qualifier							
o-Terphenyl	91		40 - 140						
1-Chlorooctadecane	150	S1+	40 - 140						

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-871848/1-A
Matrix: Solid
Analysis Batch: 872019

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871848

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	0.089	U	0.40	0.089	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Aluminum	5.5	U	20.0	5.5	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Barium	0.15	U	2.0	0.15	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Calcium	17.7	U	100	17.7	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Chromium	0.91	U	2.0	0.91	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Copper	0.37	U	2.0	0.37	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Iron	20.2	U	60.0	20.2	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Potassium	16.2	U	100	16.2	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Magnesium	10.2	U	100	10.2	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Manganese	0.40	U	4.0	0.40	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Sodium	45.7	U	100	45.7	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Nickel	0.47	U	2.0	0.47	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Lead	0.20	U	0.60	0.20	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Antimony	0.15	U	1.0	0.15	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Selenium	0.13	U	1.3	0.13	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Thallium	0.041	U	0.40	0.041	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		10/13/22 20:10	10/14/22 17:26	1
Zinc	3.1	U	8.0	3.1	mg/Kg		10/13/22 20:10	10/14/22 17:26	1

Lab Sample ID: LCSSRM 460-871848/2-A ^10
Matrix: Solid
Analysis Batch: 872385

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871848

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec
							Limits
Iron	13400	18790		mg/Kg		140.2	58.2 - 141.8

Lab Sample ID: LCSSRM 460-871848/2-A ^20
Matrix: Solid
Analysis Batch: 872019

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871848

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec
							Limits
Silver	78.5	81.99		mg/Kg		104.4	78.9 - 121.1
Aluminum	7690	9800		mg/Kg		127.4	45.3 - 154.7
Arsenic	112	121.4		mg/Kg		108.4	82.0 - 118.8
Barium	154	164.4		mg/Kg		106.8	81.8 - 118.2
Beryllium	121	113.0		mg/Kg		93.4	82.2 - 118.2
Calcium	4590	4627		mg/Kg		100.8	81.0 - 119.2
Cadmium	196	195.9		mg/Kg		100	82.1 - 118.4

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCSSRM 460-871848/2-A ^20
Matrix: Solid
Analysis Batch: 872019

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871848

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	46.4	50.88		mg/Kg		109.6	83.2 - 116.6
Chromium	103	114.0		mg/Kg		110.7	80.8 - 118.4
Copper	70.4	76.80		mg/Kg		109.1	83.4 - 116.6
Potassium	1940	2356		mg/Kg		121.5	68.0 - 131.4
Magnesium	2240	2621		mg/Kg		117.0	75.4 - 125.0
Manganese	373	393.0		mg/Kg		105.4	81.5 - 118.5
Sodium	132	839	U	mg/Kg		115.8	71.4 - 129.5
Nickel	249	269.2		mg/Kg		108.1	81.9 - 118.1
Lead	73.2	75.50		mg/Kg		103.1	82.8 - 117.3
Antimony	111	211.4		mg/Kg		190.5	0.7 - 205.4
Selenium	215	235.6		mg/Kg		109.6	78.1 - 121.9
Thallium	67.7	72.32		mg/Kg		106.8	80.1 - 120.1
Vanadium	177	204.4		mg/Kg		115.5	78.0 - 122.0
Zinc	360	379.0		mg/Kg		105.3	79.7 - 120.3

Lab Sample ID: 460-267298-12 MS
Matrix: Solid
Analysis Batch: 872019

Client Sample ID: B-03-C
Prep Type: Total/NA
Prep Batch: 871848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.11	J	4.36	3.56		mg/Kg	☼	79	75 - 125
Aluminum	11900		436	13660	4	mg/Kg	☼	414	75 - 125
Arsenic	5.8		8.73	14.29		mg/Kg	☼	97	75 - 125
Barium	137		8.73	87.97	4	mg/Kg	☼	-565	75 - 125
Beryllium	0.54		4.36	4.66		mg/Kg	☼	95	75 - 125
Calcium	7630		436	7981	4	mg/Kg	☼	81	75 - 125
Cadmium	0.30	J	4.36	4.55		mg/Kg	☼	98	75 - 125
Cobalt	7.6		4.36	11.19		mg/Kg	☼	83	75 - 125
Chromium	22.8		8.73	30.22		mg/Kg	☼	85	75 - 125
Copper	34.8	F1	8.73	35.00	F1	mg/Kg	☼	3	75 - 125
Iron	20100		436	19680	4	mg/Kg	☼	-102	75 - 125
Potassium	1590	F1	436	2263	F1	mg/Kg	☼	155	75 - 125
Magnesium	3520		436	3979	4	mg/Kg	☼	105	75 - 125
Manganese	259		43.6	250.0	4	mg/Kg	☼	-21	75 - 125
Sodium	108		436	518.1		mg/Kg	☼	94	75 - 125
Nickel	13.2		8.73	21.89		mg/Kg	☼	100	75 - 125
Lead	130		4.36	156.6	4	mg/Kg	☼	608	75 - 125
Antimony	0.81	J	4.36	5.04		mg/Kg	☼	97	75 - 125

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267298-12 MS

Matrix: Solid

Analysis Batch: 872019

Client Sample ID: B-03-C

Prep Type: Total/NA

Prep Batch: 871848

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Selenium	0.28	J	8.73	8.43		mg/Kg	⊛	93	75 - 125	
Thallium	0.13	J	3.49	3.68		mg/Kg	⊛	102	75 - 125	
Vanadium	30.9		8.73	38.68		mg/Kg	⊛	90	75 - 125	
Zinc	114		43.6	147.2		mg/Kg	⊛	75	75 - 125	

Lab Sample ID: 460-267298-12 DU

Matrix: Solid

Analysis Batch: 872019

Client Sample ID: B-03-C

Prep Type: Total/NA

Prep Batch: 871848

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Silver	0.11	J	0.117	J	mg/Kg	⊛	6	20
Aluminum	11900		12470		mg/Kg	⊛	5	20
Arsenic	5.8		6.09		mg/Kg	⊛	5	20
Barium	137		81.00	F3	mg/Kg	⊛	52	20
Beryllium	0.54		0.578		mg/Kg	⊛	7	20
Calcium	7630		6204	F3	mg/Kg	⊛	21	20
Cadmium	0.30	J	0.218	J F5	mg/Kg	⊛	31	20
Cobalt	7.6		7.38		mg/Kg	⊛	3	20
Chromium	22.8		23.37		mg/Kg	⊛	2	20
Copper	34.8	F1	28.08	F3	mg/Kg	⊛	21	20
Iron	20100		19750		mg/Kg	⊛	2	20
Potassium	1590	F1	1769		mg/Kg	⊛	11	20
Magnesium	3520		3357		mg/Kg	⊛	5	20
Manganese	259		226.0		mg/Kg	⊛	14	20
Sodium	108		114.0		mg/Kg	⊛	5	20
Nickel	13.2		13.45		mg/Kg	⊛	2	20
Lead	130		153.0		mg/Kg	⊛	16	20
Antimony	0.81	J	0.729	J	mg/Kg	⊛	10	20
Selenium	0.28	J	0.266	J	mg/Kg	⊛	5	20
Thallium	0.13	J	0.146	J	mg/Kg	⊛	11	20
Vanadium	30.9		31.58		mg/Kg	⊛	2	20
Zinc	114		106.2		mg/Kg	⊛	7	20

Lab Sample ID: MB 460-872025/1-A

Matrix: Solid

Analysis Batch: 872403

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 872025

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	0.00029	U	0.0020	0.00029	mg/L		10/14/22 16:28	10/17/22 12:26	1
Arsenic	0.00089	U	0.0020	0.00089	mg/L		10/14/22 16:28	10/17/22 12:26	1
Barium	0.00091	U	0.0040	0.00091	mg/L		10/14/22 16:28	10/17/22 12:26	1
Cadmium	0.00039	U	0.0020	0.00039	mg/L		10/14/22 16:28	10/17/22 12:26	1
Chromium	0.0025	U	0.0040	0.0025	mg/L		10/14/22 16:28	10/17/22 12:26	1
Lead	0.00084	U	0.0012	0.00084	mg/L		10/14/22 16:28	10/17/22 12:26	1
Selenium	0.00059	U	0.0025	0.00059	mg/L		10/14/22 16:28	10/17/22 12:26	1

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: LCS 460-872025/2-A ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Silver	0.500	0.531		mg/L		106	80 - 120	
Arsenic	5.00	5.22		mg/L		104	80 - 120	
Barium	10.0	10.41		mg/L		104	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	5.16		mg/L		103	80 - 120	
Selenium	1.00	1.04		mg/L		104	80 - 120	

Lab Sample ID: LB 460-870951/1-G ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872025

Analyte	LB LB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier					Prepared	Prepared	Analyzed	Analyzed	
Silver	0.0029	U	0.020	0.0029	mg/L		10/14/22 16:28	10/17/22 13:16	10/17/22 13:16	10	
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 13:16	10/17/22 13:16	10	
Barium	0.0091	U	0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 13:16	10/17/22 13:16	10	
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 13:16	10/17/22 13:16	10	
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 13:16	10/17/22 13:16	10	
Lead	0.0084	U	0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 13:16	10/17/22 13:16	10	
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 13:16	10/17/22 13:16	10	

Lab Sample ID: LB 460-871830/1-G ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 872025

Analyte	LB LB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier					Prepared	Prepared	Analyzed	Analyzed	
Silver	0.0029	U	0.020	0.0029	mg/L		10/14/22 16:28	10/17/22 13:13	10/17/22 13:13	10	
Arsenic	0.0089	U	0.020	0.0089	mg/L		10/14/22 16:28	10/17/22 13:13	10/17/22 13:13	10	
Barium	0.0091	U	0.040	0.0091	mg/L		10/14/22 16:28	10/17/22 13:13	10/17/22 13:13	10	
Cadmium	0.0039	U	0.020	0.0039	mg/L		10/14/22 16:28	10/17/22 13:13	10/17/22 13:13	10	
Chromium	0.025	U	0.040	0.025	mg/L		10/14/22 16:28	10/17/22 13:13	10/17/22 13:13	10	
Lead	0.0084	U	0.012	0.0084	mg/L		10/14/22 16:28	10/17/22 13:13	10/17/22 13:13	10	
Selenium	0.0059	U	0.025	0.0059	mg/L		10/14/22 16:28	10/17/22 13:13	10/17/22 13:13	10	

Lab Sample ID: 460-267062-B-1-L MS ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 872025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	
Silver	0.0029	U	0.500	0.541		mg/L		108	75 - 125	
Arsenic	0.0089	U	5.00	5.35		mg/L		107	75 - 125	
Barium	0.25		10.0	11.09		mg/L		108	75 - 125	
Cadmium	0.0039	U	1.00	1.12		mg/L		112	75 - 125	
Chromium	0.025	U	5.00	5.45		mg/L		109	75 - 125	
Lead	0.0084	U	5.00	5.40		mg/L		108	75 - 125	
Selenium	0.0059	U	1.00	1.07		mg/L		107	75 - 125	

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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

Lab Sample ID: 460-267062-B-1-K DU ^10
Matrix: Solid
Analysis Batch: 872403

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 872025

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	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	0.25		0.251		mg/L		0.2	20
Cadmium	0.0039	U	0.0039	U	mg/L		NC	20
Chromium	0.025	U	0.025	U	mg/L		NC	20
Lead	0.0084	U	0.0084	U	mg/L		NC	20
Selenium	0.0059	U	0.0059	U	mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-871999/1-A
Matrix: Solid
Analysis Batch: 872038

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871999

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/14/22 14:34	10/14/22 15:22	1

Lab Sample ID: LCS 460-871999/2-A
Matrix: Solid
Analysis Batch: 872038

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871999

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Mercury	0.00500	0.00510		mg/L		102	80 - 120

Lab Sample ID: LB 460-871830/1-E
Matrix: Solid
Analysis Batch: 872038

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 871999

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.000091	U	0.00020	0.000091	mg/L		10/14/22 14:34	10/14/22 16:11	1

Lab Sample ID: 180-145942-D-5-F MS
Matrix: Solid
Analysis Batch: 872038

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 871999

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Mercury	0.000091	U	0.00500	0.00510		mg/L		102	75 - 125

Lab Sample ID: 180-145942-D-5-E DU
Matrix: Solid
Analysis Batch: 872038

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 871999

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Mercury	0.000091	U	0.000091	U	mg/L		NC	20

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-871612/10-A
Matrix: Solid
Analysis Batch: 871654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.017	0.0080	mg/Kg		10/13/22 00:14	10/13/22 03:39	1

Lab Sample ID: LCSSRM 460-871612/11-A ^40
Matrix: Solid
Analysis Batch: 871654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 871612

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	13.2	15.88		mg/Kg		120.3	58.0 - 142.4

Lab Sample ID: 460-267339-A-1-C MS
Matrix: Solid
Analysis Batch: 871654

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 871612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0085	U	0.0887	0.0990		mg/Kg	☼	112	80 - 120

Lab Sample ID: 460-267339-A-1-B DU
Matrix: Solid
Analysis Batch: 871654

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 871612

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.0085	U	0.0085	U	mg/Kg	☼	NC	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-266855-C-1 DU
Matrix: Solid
Analysis Batch: 872393

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 460-872186/1-A
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872186

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 19:18	10/16/22 13:32	1

Lab Sample ID: LCSSRM 460-872186/2-A ^20
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872186

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	115	72.48		mg/L		63.0	25.6 - 125.2

QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-267298-12 MS
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: B-03-C
Prep Type: Total/NA
Prep Batch: 872186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.13	U	4.93	4.31		mg/L	☼	88	26 - 120

Lab Sample ID: 460-267298-12 MSD
Matrix: Solid
Analysis Batch: 872251

Client Sample ID: B-03-C
Prep Type: Total/NA
Prep Batch: 872186

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.13	U	4.59	4.15		mg/L	☼	91	26 - 120	4	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

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-872468/1-A
Matrix: Solid
Analysis Batch: 872470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872468

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1

Lab Sample ID: LCS 460-872468/2-A
Matrix: Solid
Analysis Batch: 872470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872468

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: 460-267298-2 DU
Matrix: Solid
Analysis Batch: 872470

Client Sample ID: B-17-C
Prep Type: Total/NA
Prep Batch: 872468

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

Job ID: 460-267298-1

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-872467/1-A
Matrix: Solid
Analysis Batch: 872469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872467

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		10/17/22 10:00	10/17/22 14:00	1

Lab Sample ID: LCSSRM 460-872467/3-A
Matrix: Solid
Analysis Batch: 872469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 872467

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	70.9	81.75		mg/Kg		115.3	46.7 - 142.5

Lab Sample ID: 460-267298-2 MS
Matrix: Solid
Analysis Batch: 872469

Client Sample ID: B-17-C
Prep Type: Total/NA
Prep Batch: 872467

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	20.0	U F1	444	210.0	F1	mg/Kg		47	64 - 136

Lab Sample ID: 460-267298-2 MSD
Matrix: Solid
Analysis Batch: 872469

Client Sample ID: B-17-C
Prep Type: Total/NA
Prep Batch: 872467

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	444	226.0	F1	mg/Kg		51	64 - 136	7	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

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QC Sample Results

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Method: 9045D - pH (Continued)

Lab Sample ID: 460-266725-E-3 DU
Matrix: Solid
Analysis Batch: 872673

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Temperature	23.2		22.8		Degrees C		2	10
Corrosivity	9.6		9.6		SU		0.3	10

Method: 9095B - Paint Filter

Lab Sample ID: 460-267195-J-2 DU
Matrix: Solid
Analysis Batch: 872018

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Free Liquid	0.500	U	0.500	U	mL/100g		NC	10

Method: Moisture - Percent Moisture

Lab Sample ID: 460-267299-D-19 DU
Matrix: Solid
Analysis Batch: 871648

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	21.3		19.8		%		7	20
Percent Solids	78.7		80.2		%		2	20

Lab Sample ID: 460-267326-A-9 DU
Matrix: Solid
Analysis Batch: 872022

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	7.2		6.3		%		14	20
Percent Solids	92.8		93.7		%		1	20

Method: SM 2540G - Total, Fixed, and Volatile Solids

Lab Sample ID: 460-267298-2 DU
Matrix: Solid
Analysis Batch: 871750

Client Sample ID: B-17-C
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Volatile Solids	2.2		2.71	F3	%		20	5

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

GC/MS VOA

Prep Batch: 871597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-1	B-17-G	Total/NA	Solid	5035	

Prep Batch: 871598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-3	B-16-G	Total/NA	Solid	5035	
460-267298-5	B-15-G	Total/NA	Solid	5035	
460-267298-7	B-14-G	Total/NA	Solid	5035	
460-267298-9	B-02-G	Total/NA	Solid	5035	
460-267298-11	B-03-G	Total/NA	Solid	5035	

Analysis Batch: 871634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-13	TRIP BLANK	Total/NA	Water	8260D	
MB 460-871634/11	Method Blank	Total/NA	Water	8260D	
LCS 460-871634/7	Lab Control Sample	Total/NA	Water	8260D	
460-267204-A-2 MS	Matrix Spike	Total/NA	Water	8260D	
460-267204-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 871784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-5	B-15-G	Total/NA	Solid	8260D	871598
460-267298-7	B-14-G	Total/NA	Solid	8260D	871598
460-267298-9	B-02-G	Total/NA	Solid	8260D	871598
460-267298-11	B-03-G	Total/NA	Solid	8260D	871598
MB 460-871784/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-871784/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-871784/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 871870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-3	B-16-G	Total/NA	Solid	8260D	871598
MB 460-871870/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-871870/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-871870/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 871912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-1	B-17-G	Total/NA	Solid	8260D	871597
MB 460-871912/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-871912/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-871912/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Leach Batch: 871959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-1	B-17-G	TCLP	Solid	1311	
460-267298-3	B-16-G	TCLP	Solid	1311	
460-267298-5	B-15-G	TCLP	Solid	1311	
460-267298-7	B-14-G	TCLP	Solid	1311	
460-267298-9	B-02-G	TCLP	Solid	1311	
460-267298-11	B-03-G	TCLP	Solid	1311	
LB 460-871959/1-A	Method Blank	TCLP	Solid	1311	

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

GC/MS VOA

Analysis Batch: 872203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-1	B-17-G	TCLP	Solid	8260D	871959
460-267298-3	B-16-G	TCLP	Solid	8260D	871959
460-267298-5	B-15-G	TCLP	Solid	8260D	871959
460-267298-7	B-14-G	TCLP	Solid	8260D	871959
460-267298-9	B-02-G	TCLP	Solid	8260D	871959
460-267298-11	B-03-G	TCLP	Solid	8260D	871959
LB 460-871959/1-A	Method Blank	TCLP	Solid	8260D	871959
MB 460-872203/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872203/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872203/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 871469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	3546	
460-267298-4	B-16-C	Total/NA	Solid	3546	
460-267298-6	B-15-C	Total/NA	Solid	3546	
460-267298-8	B-14-C	Total/NA	Solid	3546	
460-267298-10	B-02-C	Total/NA	Solid	3546	
460-267298-12	B-03-C	Total/NA	Solid	3546	
MB 460-871469/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871469/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871469/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-267187-F-10-E MS	Matrix Spike	Total/NA	Solid	3546	
460-267187-F-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 871587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	8270E	871469
460-267298-4	B-16-C	Total/NA	Solid	8270E	871469
460-267298-8	B-14-C	Total/NA	Solid	8270E	871469
460-267298-12	B-03-C	Total/NA	Solid	8270E	871469
MB 460-871469/1-A	Method Blank	Total/NA	Solid	8270E	871469
LCS 460-871469/2-A	Lab Control Sample	Total/NA	Solid	8270E	871469
LCSD 460-871469/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	871469
460-267187-F-10-E MS	Matrix Spike	Total/NA	Solid	8270E	871469
460-267187-F-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	871469

Analysis Batch: 871810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-6	B-15-C	Total/NA	Solid	8270E	871469
460-267298-10	B-02-C	Total/NA	Solid	8270E	871469

Leach Batch: 871830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	1311	
460-267298-4	B-16-C	TCLP	Solid	1311	
460-267298-6	B-15-C	TCLP	Solid	1311	
460-267298-8	B-14-C	TCLP	Solid	1311	
460-267298-10	B-02-C	TCLP	Solid	1311	

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

GC/MS Semi VOA (Continued)

Leach Batch: 871830 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-12	B-03-C	TCLP	Solid	1311	
LB 460-871830/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 871940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	3510C	871830
460-267298-4	B-16-C	TCLP	Solid	3510C	871830
460-267298-6	B-15-C	TCLP	Solid	3510C	871830
460-267298-8	B-14-C	TCLP	Solid	3510C	871830
460-267298-10	B-02-C	TCLP	Solid	3510C	871830
460-267298-12	B-03-C	TCLP	Solid	3510C	871830
LB 460-871830/1-B	Method Blank	TCLP	Solid	3510C	871830
MB 460-871940/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-871940/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-871940/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 872070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	8270E	871940
460-267298-4	B-16-C	TCLP	Solid	8270E	871940
460-267298-6	B-15-C	TCLP	Solid	8270E	871940
460-267298-8	B-14-C	TCLP	Solid	8270E	871940
460-267298-10	B-02-C	TCLP	Solid	8270E	871940
460-267298-12	B-03-C	TCLP	Solid	8270E	871940
LB 460-871830/1-B	Method Blank	TCLP	Solid	8270E	871940
MB 460-871940/1-A	Method Blank	Total/NA	Solid	8270E	871940
LCS 460-871940/2-A	Lab Control Sample	Total/NA	Solid	8270E	871940
LCSD 460-871940/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	871940

GC Semi VOA

Prep Batch: 871480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	8151A	
460-267298-4	B-16-C	Total/NA	Solid	8151A	
460-267298-6	B-15-C	Total/NA	Solid	8151A	
460-267298-8	B-14-C	Total/NA	Solid	8151A	
460-267298-10	B-02-C	Total/NA	Solid	8151A	
460-267298-12	B-03-C	Total/NA	Solid	8151A	
MB 460-871480/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-871480/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-871480/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-267187-F-10-H MS	Matrix Spike	Total/NA	Solid	8151A	
460-267187-F-10-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	

Prep Batch: 871554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	3546	
460-267298-4	B-16-C	Total/NA	Solid	3546	
460-267298-6	B-15-C	Total/NA	Solid	3546	
460-267298-8	B-14-C	Total/NA	Solid	3546	

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

GC Semi VOA (Continued)

Prep Batch: 871554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-10	B-02-C	Total/NA	Solid	3546	
460-267298-12	B-03-C	Total/NA	Solid	3546	
MB 460-871554/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871554/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871554/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-267313-A-2-B MS	Matrix Spike	Total/NA	Solid	3546	
460-267313-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 871557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	3546	
460-267298-4	B-16-C	Total/NA	Solid	3546	
460-267298-6	B-15-C	Total/NA	Solid	3546	
460-267298-8	B-14-C	Total/NA	Solid	3546	
460-267298-10	B-02-C	Total/NA	Solid	3546	
460-267298-12	B-03-C	Total/NA	Solid	3546	
MB 460-871557/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871557/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871557/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-145945-A-63-A MS	Matrix Spike	Total/NA	Solid	3546	
180-145945-A-63-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 871623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	8081B	871557
460-267298-4	B-16-C	Total/NA	Solid	8081B	871557
460-267298-6	B-15-C	Total/NA	Solid	8081B	871557
460-267298-8	B-14-C	Total/NA	Solid	8081B	871557
460-267298-12	B-03-C	Total/NA	Solid	8081B	871557
MB 460-871557/1-A	Method Blank	Total/NA	Solid	8081B	871557
LCS 460-871557/2-A	Lab Control Sample	Total/NA	Solid	8081B	871557
LCSD 460-871557/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	871557
180-145945-A-63-A MS	Matrix Spike	Total/NA	Solid	8081B	871557
180-145945-A-63-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	871557

Analysis Batch: 871650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	8151A	871480
460-267298-4	B-16-C	Total/NA	Solid	8151A	871480
460-267298-6	B-15-C	Total/NA	Solid	8151A	871480
460-267298-8	B-14-C	Total/NA	Solid	8151A	871480
460-267298-10	B-02-C	Total/NA	Solid	8151A	871480
460-267298-12	B-03-C	Total/NA	Solid	8151A	871480
LCS 460-871480/2-A	Lab Control Sample	Total/NA	Solid	8151A	871480
LCSD 460-871480/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	871480
460-267187-F-10-H MS	Matrix Spike	Total/NA	Solid	8151A	871480
460-267187-F-10-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	871480

Analysis Batch: 871692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	8082A	871554

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

GC Semi VOA (Continued)

Analysis Batch: 871692 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-4	B-16-C	Total/NA	Solid	8082A	871554
460-267298-6	B-15-C	Total/NA	Solid	8082A	871554
460-267298-8	B-14-C	Total/NA	Solid	8082A	871554
460-267298-10	B-02-C	Total/NA	Solid	8082A	871554
460-267298-12	B-03-C	Total/NA	Solid	8082A	871554
MB 460-871554/1-A	Method Blank	Total/NA	Solid	8082A	871554
LCS 460-871554/2-A	Lab Control Sample	Total/NA	Solid	8082A	871554
LCSD 460-871554/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	871554
460-267313-A-2-B MS	Matrix Spike	Total/NA	Solid	8082A	871554
460-267313-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	871554

Prep Batch: 871719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	3546	
460-267298-4	B-16-C	Total/NA	Solid	3546	
460-267298-6	B-15-C	Total/NA	Solid	3546	
460-267298-8	B-14-C	Total/NA	Solid	3546	
460-267298-10	B-02-C	Total/NA	Solid	3546	
460-267298-12	B-03-C	Total/NA	Solid	3546	
MB 460-871719/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-871719/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-871719/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 871826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	NJDEP EPH	871719
460-267298-4	B-16-C	Total/NA	Solid	NJDEP EPH	871719
460-267298-6	B-15-C	Total/NA	Solid	NJDEP EPH	871719
460-267298-8	B-14-C	Total/NA	Solid	NJDEP EPH	871719
460-267298-10	B-02-C	Total/NA	Solid	NJDEP EPH	871719
MB 460-871719/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	871719
LCS 460-871719/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	871719
LCSD 460-871719/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	871719

Leach Batch: 871830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	1311	
460-267298-4	B-16-C	TCLP	Solid	1311	
460-267298-6	B-15-C	TCLP	Solid	1311	
460-267298-8	B-14-C	TCLP	Solid	1311	
460-267298-10	B-02-C	TCLP	Solid	1311	
460-267298-12	B-03-C	TCLP	Solid	1311	
LB 460-871830/1-C	Method Blank	TCLP	Solid	1311	
LB 460-871830/1-D	Method Blank	TCLP	Solid	1311	

Analysis Batch: 871862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-10	B-02-C	Total/NA	Solid	8081B	871557

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

GC Semi VOA

Analysis Batch: 871897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-12	B-03-C	Total/NA	Solid	NJDEP EPH	871719

Analysis Batch: 871939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-871480/1-A	Method Blank	Total/NA	Solid	8151A	871480

Prep Batch: 871941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	8151A	871830
460-267298-4	B-16-C	TCLP	Solid	8151A	871830
460-267298-6	B-15-C	TCLP	Solid	8151A	871830
460-267298-8	B-14-C	TCLP	Solid	8151A	871830
460-267298-10	B-02-C	TCLP	Solid	8151A	871830
460-267298-12	B-03-C	TCLP	Solid	8151A	871830
LB 460-871830/1-C	Method Blank	TCLP	Solid	8151A	871830
MB 460-871941/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-871941/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-871941/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Prep Batch: 871988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	3510C	871830
460-267298-4	B-16-C	TCLP	Solid	3510C	871830
460-267298-6	B-15-C	TCLP	Solid	3510C	871830
460-267298-8	B-14-C	TCLP	Solid	3510C	871830
460-267298-10	B-02-C	TCLP	Solid	3510C	871830
LB 460-871830/1-D	Method Blank	TCLP	Solid	3510C	871830
MB 460-871988/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-871988/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-871988/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 872309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	8081B	871988
460-267298-4	B-16-C	TCLP	Solid	8081B	871988
460-267298-6	B-15-C	TCLP	Solid	8081B	871988
460-267298-8	B-14-C	TCLP	Solid	8081B	871988
460-267298-10	B-02-C	TCLP	Solid	8081B	871988
LB 460-871830/1-D	Method Blank	TCLP	Solid	8081B	871988
MB 460-871988/1-A	Method Blank	Total/NA	Solid	8081B	871988
LCS 460-871988/2-A	Lab Control Sample	Total/NA	Solid	8081B	871988
LCSD 460-871988/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	871988

Analysis Batch: 872340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	8151A	871941
460-267298-4	B-16-C	TCLP	Solid	8151A	871941
460-267298-6	B-15-C	TCLP	Solid	8151A	871941
460-267298-8	B-14-C	TCLP	Solid	8151A	871941
460-267298-10	B-02-C	TCLP	Solid	8151A	871941
460-267298-12	B-03-C	TCLP	Solid	8151A	871941

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QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

GC Semi VOA (Continued)

Analysis Batch: 872340 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-871830/1-C	Method Blank	TCLP	Solid	8151A	871941
MB 460-871941/1-A	Method Blank	Total/NA	Solid	8151A	871941
LCS 460-871941/2-A	Lab Control Sample	Total/NA	Solid	8151A	871941
LCSD 460-871941/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	871941

Prep Batch: 872490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-12	B-03-C	TCLP	Solid	3510C	871830
MB 460-872490/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-872490/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-872490/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 872511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-872490/1-A	Method Blank	Total/NA	Solid	8081B	872490
LCS 460-872490/2-A	Lab Control Sample	Total/NA	Solid	8081B	872490
LCSD 460-872490/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	872490

Analysis Batch: 872739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-12	B-03-C	TCLP	Solid	8081B	872490

Metals

Leach Batch: 870951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-870951/1-G ^10	Method Blank	TCLP	Solid	1311	
460-267062-B-1-L MS ^10	Matrix Spike	TCLP	Solid	1311	
460-267062-B-1-K DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 871612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	7471B	
460-267298-4	B-16-C	Total/NA	Solid	7471B	
460-267298-6	B-15-C	Total/NA	Solid	7471B	
460-267298-8	B-14-C	Total/NA	Solid	7471B	
460-267298-10	B-02-C	Total/NA	Solid	7471B	
460-267298-12	B-03-C	Total/NA	Solid	7471B	
MB 460-871612/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-871612/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-267339-A-1-C MS	Matrix Spike	Total/NA	Solid	7471B	
460-267339-A-1-B DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 871654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	7471B	871612
460-267298-4	B-16-C	Total/NA	Solid	7471B	871612
460-267298-6	B-15-C	Total/NA	Solid	7471B	871612
460-267298-8	B-14-C	Total/NA	Solid	7471B	871612
460-267298-10	B-02-C	Total/NA	Solid	7471B	871612
460-267298-12	B-03-C	Total/NA	Solid	7471B	871612

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Metals (Continued)

Analysis Batch: 871654 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-871612/10-A	Method Blank	Total/NA	Solid	7471B	871612
LCSSRM 460-871612/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	871612
460-267339-A-1-C MS	Matrix Spike	Total/NA	Solid	7471B	871612
460-267339-A-1-B DU	Duplicate	Total/NA	Solid	7471B	871612

Leach Batch: 871830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	1311	
460-267298-4	B-16-C	TCLP	Solid	1311	
460-267298-6	B-15-C	TCLP	Solid	1311	
460-267298-8	B-14-C	TCLP	Solid	1311	
460-267298-10	B-02-C	TCLP	Solid	1311	
460-267298-12	B-03-C	TCLP	Solid	1311	
LB 460-871830/1-E	Method Blank	TCLP	Solid	1311	
LB 460-871830/1-G ^10	Method Blank	TCLP	Solid	1311	
180-145942-D-5-F MS	Matrix Spike	TCLP	Solid	1311	
180-145942-D-5-E DU	Duplicate	TCLP	Solid	1311	

Prep Batch: 871848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	3050B	
460-267298-4	B-16-C	Total/NA	Solid	3050B	
460-267298-6	B-15-C	Total/NA	Solid	3050B	
460-267298-8	B-14-C	Total/NA	Solid	3050B	
460-267298-10	B-02-C	Total/NA	Solid	3050B	
460-267298-12	B-03-C	Total/NA	Solid	3050B	
MB 460-871848/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-871848/2-A ^1	Lab Control Sample	Total/NA	Solid	3050B	
LCSSRM 460-871848/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
460-267298-12 MS	B-03-C	Total/NA	Solid	3050B	
460-267298-12 DU	B-03-C	Total/NA	Solid	3050B	

Prep Batch: 871999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	7470A	871830
460-267298-4	B-16-C	TCLP	Solid	7470A	871830
460-267298-6	B-15-C	TCLP	Solid	7470A	871830
460-267298-8	B-14-C	TCLP	Solid	7470A	871830
460-267298-10	B-02-C	TCLP	Solid	7470A	871830
460-267298-12	B-03-C	TCLP	Solid	7470A	871830
LB 460-871830/1-E	Method Blank	TCLP	Solid	7470A	871830
MB 460-871999/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-871999/2-A	Lab Control Sample	Total/NA	Solid	7470A	
180-145942-D-5-F MS	Matrix Spike	TCLP	Solid	7470A	871830
180-145942-D-5-E DU	Duplicate	TCLP	Solid	7470A	871830

Analysis Batch: 872019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	6020B	871848
460-267298-4	B-16-C	Total/NA	Solid	6020B	871848
460-267298-6	B-15-C	Total/NA	Solid	6020B	871848

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Metals (Continued)

Analysis Batch: 872019 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-8	B-14-C	Total/NA	Solid	6020B	871848
460-267298-10	B-02-C	Total/NA	Solid	6020B	871848
460-267298-12	B-03-C	Total/NA	Solid	6020B	871848
MB 460-871848/1-A	Method Blank	Total/NA	Solid	6020B	871848
LCSSRM 460-871848/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	871848
460-267298-12 MS	B-03-C	Total/NA	Solid	6020B	871848
460-267298-12 DU	B-03-C	Total/NA	Solid	6020B	871848

Prep Batch: 872025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	3010A	871830
460-267298-4	B-16-C	TCLP	Solid	3010A	871830
460-267298-6	B-15-C	TCLP	Solid	3010A	871830
460-267298-8	B-14-C	TCLP	Solid	3010A	871830
460-267298-10	B-02-C	TCLP	Solid	3010A	871830
460-267298-12	B-03-C	TCLP	Solid	3010A	871830
LB 460-870951/1-G ^10	Method Blank	TCLP	Solid	3010A	870951
LB 460-871830/1-G ^10	Method Blank	TCLP	Solid	3010A	871830
MB 460-872025/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-872025/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-267062-B-1-L MS ^10	Matrix Spike	TCLP	Solid	3010A	870951
460-267062-B-1-K DU ^10	Duplicate	TCLP	Solid	3010A	870951

Analysis Batch: 872038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	7470A	871999
460-267298-4	B-16-C	TCLP	Solid	7470A	871999
460-267298-6	B-15-C	TCLP	Solid	7470A	871999
460-267298-8	B-14-C	TCLP	Solid	7470A	871999
460-267298-10	B-02-C	TCLP	Solid	7470A	871999
460-267298-12	B-03-C	TCLP	Solid	7470A	871999
LB 460-871830/1-E	Method Blank	TCLP	Solid	7470A	871999
MB 460-871999/1-A	Method Blank	Total/NA	Solid	7470A	871999
LCS 460-871999/2-A	Lab Control Sample	Total/NA	Solid	7470A	871999
180-145942-D-5-F MS	Matrix Spike	TCLP	Solid	7470A	871999
180-145942-D-5-E DU	Duplicate	TCLP	Solid	7470A	871999

Analysis Batch: 872385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-871848/2-A ^1	Lab Control Sample	Total/NA	Solid	6020B	871848

Analysis Batch: 872403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	TCLP	Solid	6020B	872025
460-267298-4	B-16-C	TCLP	Solid	6020B	872025
460-267298-6	B-15-C	TCLP	Solid	6020B	872025
460-267298-8	B-14-C	TCLP	Solid	6020B	872025
460-267298-10	B-02-C	TCLP	Solid	6020B	872025
460-267298-12	B-03-C	TCLP	Solid	6020B	872025
LB 460-870951/1-G ^10	Method Blank	TCLP	Solid	6020B	872025
LB 460-871830/1-G ^10	Method Blank	TCLP	Solid	6020B	872025

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Metals (Continued)

Analysis Batch: 872403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-872025/1-A	Method Blank	Total/NA	Solid	6020B	872025
LCS 460-872025/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	872025
460-267062-B-1-L MS ^10	Matrix Spike	TCLP	Solid	6020B	872025
460-267062-B-1-K DU ^10	Duplicate	TCLP	Solid	6020B	872025

General Chemistry

Analysis Batch: 871648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-1	B-17-G	Total/NA	Solid	Moisture	
460-267298-2	B-17-C	Total/NA	Solid	Moisture	
460-267298-3	B-16-G	Total/NA	Solid	Moisture	
460-267298-4	B-16-C	Total/NA	Solid	Moisture	
460-267298-5	B-15-G	Total/NA	Solid	Moisture	
460-267298-6	B-15-C	Total/NA	Solid	Moisture	
460-267298-8	B-14-C	Total/NA	Solid	Moisture	
460-267298-10	B-02-C	Total/NA	Solid	Moisture	
460-267298-12	B-03-C	Total/NA	Solid	Moisture	
460-267187-A-10 MSS	Matrix Spike	Total/NA	Solid	Moisture	
460-267286-A-3 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-267286-A-3 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-267299-D-19 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 871750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	SM 2540G	
460-267298-4	B-16-C	Total/NA	Solid	SM 2540G	
460-267298-6	B-15-C	Total/NA	Solid	SM 2540G	
460-267298-8	B-14-C	Total/NA	Solid	SM 2540G	
460-267298-10	B-02-C	Total/NA	Solid	SM 2540G	
460-267298-12	B-03-C	Total/NA	Solid	SM 2540G	
460-267298-2 DU	B-17-C	Total/NA	Solid	SM 2540G	

Analysis Batch: 872018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	9095B	
460-267298-4	B-16-C	Total/NA	Solid	9095B	
460-267298-6	B-15-C	Total/NA	Solid	9095B	
460-267298-8	B-14-C	Total/NA	Solid	9095B	
460-267298-10	B-02-C	Total/NA	Solid	9095B	
460-267298-12	B-03-C	Total/NA	Solid	9095B	
460-267195-J-2 DU	Duplicate	Total/NA	Solid	9095B	

Analysis Batch: 872022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-7	B-14-G	Total/NA	Solid	Moisture	
460-267298-9	B-02-G	Total/NA	Solid	Moisture	
460-267298-11	B-03-G	Total/NA	Solid	Moisture	
460-267326-A-9 DU	Duplicate	Total/NA	Solid	Moisture	

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

General Chemistry

Prep Batch: 872186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	9012B	
460-267298-4	B-16-C	Total/NA	Solid	9012B	
460-267298-6	B-15-C	Total/NA	Solid	9012B	
460-267298-8	B-14-C	Total/NA	Solid	9012B	
460-267298-10	B-02-C	Total/NA	Solid	9012B	
460-267298-12	B-03-C	Total/NA	Solid	9012B	
MB 460-872186/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-872186/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	
460-267298-12 MS	B-03-C	Total/NA	Solid	9012B	
460-267298-12 MSD	B-03-C	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: 872251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	9012B	872186
460-267298-4	B-16-C	Total/NA	Solid	9012B	872186
460-267298-6	B-15-C	Total/NA	Solid	9012B	872186
460-267298-8	B-14-C	Total/NA	Solid	9012B	872186
460-267298-10	B-02-C	Total/NA	Solid	9012B	872186
460-267298-12	B-03-C	Total/NA	Solid	9012B	872186
MB 460-872186/1-A	Method Blank	Total/NA	Solid	9012B	872186
MB 460-872221/2-A	Method Blank	Total/NA	Solid	9012B	872221
LCSSRM 460-872186/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	872186
MRL 460-872221/1-A	Lab Control Sample	Total/NA	Solid	9012B	872221
460-267298-12 MS	B-03-C	Total/NA	Solid	9012B	872186
460-267298-12 MSD	B-03-C	Total/NA	Solid	9012B	872186

Analysis Batch: 872393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	1030	
460-267298-4	B-16-C	Total/NA	Solid	1030	
460-267298-6	B-15-C	Total/NA	Solid	1030	
460-267298-8	B-14-C	Total/NA	Solid	1030	
460-267298-10	B-02-C	Total/NA	Solid	1030	
460-267298-12	B-03-C	Total/NA	Solid	1030	
460-266855-C-1 DU	Duplicate	Total/NA	Solid	1030	

Prep Batch: 872467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	7.3.4	
460-267298-4	B-16-C	Total/NA	Solid	7.3.4	
460-267298-6	B-15-C	Total/NA	Solid	7.3.4	
460-267298-8	B-14-C	Total/NA	Solid	7.3.4	
460-267298-10	B-02-C	Total/NA	Solid	7.3.4	
460-267298-12	B-03-C	Total/NA	Solid	7.3.4	
MB 460-872467/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSSRM 460-872467/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

General Chemistry (Continued)

Prep Batch: 872467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2 MS	B-17-C	Total/NA	Solid	7.3.4	
460-267298-2 MSD	B-17-C	Total/NA	Solid	7.3.4	

Prep Batch: 872468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	7.3.3	
460-267298-4	B-16-C	Total/NA	Solid	7.3.3	
460-267298-6	B-15-C	Total/NA	Solid	7.3.3	
460-267298-8	B-14-C	Total/NA	Solid	7.3.3	
460-267298-10	B-02-C	Total/NA	Solid	7.3.3	
460-267298-12	B-03-C	Total/NA	Solid	7.3.3	
MB 460-872468/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-872468/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-267298-2 DU	B-17-C	Total/NA	Solid	7.3.3	

Analysis Batch: 872469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	9034	872467
460-267298-4	B-16-C	Total/NA	Solid	9034	872467
460-267298-6	B-15-C	Total/NA	Solid	9034	872467
460-267298-8	B-14-C	Total/NA	Solid	9034	872467
460-267298-10	B-02-C	Total/NA	Solid	9034	872467
460-267298-12	B-03-C	Total/NA	Solid	9034	872467
MB 460-872467/1-A	Method Blank	Total/NA	Solid	9034	872467
LCSSRM 460-872467/3-A	Lab Control Sample	Total/NA	Solid	9034	872467
460-267298-2 MS	B-17-C	Total/NA	Solid	9034	872467
460-267298-2 MSD	B-17-C	Total/NA	Solid	9034	872467

Analysis Batch: 872470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	9014	872468
460-267298-4	B-16-C	Total/NA	Solid	9014	872468
460-267298-6	B-15-C	Total/NA	Solid	9014	872468
460-267298-8	B-14-C	Total/NA	Solid	9014	872468
460-267298-10	B-02-C	Total/NA	Solid	9014	872468
460-267298-12	B-03-C	Total/NA	Solid	9014	872468
MB 460-872468/1-A	Method Blank	Total/NA	Solid	9014	872468
LCS 460-872468/2-A	Lab Control Sample	Total/NA	Solid	9014	872468
460-267298-2 DU	B-17-C	Total/NA	Solid	9014	872468

Analysis Batch: 872673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	9045D	
460-267298-4	B-16-C	Total/NA	Solid	9045D	
460-267298-6	B-15-C	Total/NA	Solid	9045D	
460-267298-8	B-14-C	Total/NA	Solid	9045D	
460-267298-10	B-02-C	Total/NA	Solid	9045D	
460-267298-12	B-03-C	Total/NA	Solid	9045D	
MB 460-872673/2	Method Blank	Total/NA	Solid	9045D	
LCSSRM 460-872673/3	Lab Control Sample	Total/NA	Solid	9045D	
460-266725-E-3 DU	Duplicate	Total/NA	Solid	9045D	

Eurofins Edison

QC Association Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Geotechnical

Analysis Batch: 184948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267298-2	B-17-C	Total/NA	Solid	D422	
460-267298-4	B-16-C	Total/NA	Solid	D422	
460-267298-6	B-15-C	Total/NA	Solid	D422	
460-267298-8	B-14-C	Total/NA	Solid	D422	
460-267298-10	B-02-C	Total/NA	Solid	D422	
460-267298-12	B-03-C	Total/NA	Solid	D422	

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Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-G

Date Collected: 10/11/22 08:45

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871959	BJB	EET EDI	10/14/22 10:49 - 10/15/22 06:00 ¹
TCLP	Analysis	8260D		10	872203	CJM	EET EDI	10/16/22 14:19
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50

Client Sample ID: B-17-G

Date Collected: 10/11/22 08:45

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-1

Matrix: Solid

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871597	JJC	EET EDI	10/12/22 21:13
Total/NA	Analysis	8260D		50	871912	AAT	EET EDI	10/14/22 14:14

Client Sample ID: B-17-C

Date Collected: 10/11/22 08:55

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871940	ZEH	EET EDI	10/14/22 09:48
TCLP	Analysis	8270E		1	872070	YAH	EET EDI	10/15/22 03:01
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871988	SXS	EET EDI	10/14/22 13:02
TCLP	Analysis	8081B		1	872309	FAM	EET EDI	10/17/22 06:28
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	8151A			871941	ZEH	EET EDI	10/14/22 09:54
TCLP	Analysis	8151A		1	872340	SAK	EET EDI	10/17/22 11:01
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3010A			872025	VAP	EET EDI	10/14/22 16:28
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 12:46
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	7470A			871999	RBS	EET EDI	10/14/22 14:34
TCLP	Analysis	7470A		1	872038	RBS	EET EDI	10/14/22 15:45
Total/NA	Analysis	1030		1	872393	YAH	EET EDI	10/17/22 11:35
Total/NA	Prep	7.3.3			872468	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9014		1	872470	HTV	EET EDI	10/17/22 14:00
Total/NA	Prep	7.3.4			872467	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9034		1	872469	HTV	EET EDI	10/17/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:39
Total/NA	Analysis	9095B		1	872018	YAH	EET EDI	10/14/22 14:45
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50
Total/NA	Analysis	SM 2540G		1	871750	PLS	EET EDI	10/13/22 13:01
Total/NA	Analysis	D422		1	184948	MAP	EET BUR	10/20/22 15:59

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-17-C

Date Collected: 10/11/22 08:55

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-2

Matrix: Solid

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871469	OTS	EET EDI	10/12/22 10:28
Total/NA	Analysis	8270E		1	871587	MME	EET EDI	10/13/22 07:06
Total/NA	Prep	3546			871557	ARA	EET EDI	10/12/22 18:12
Total/NA	Analysis	8081B		1	871623	FAM	EET EDI	10/13/22 10:59
Total/NA	Prep	3546			871554	ARA	EET EDI	10/12/22 17:58
Total/NA	Analysis	8082A		1	871692	JHP	EET EDI	10/13/22 15:04
Total/NA	Prep	8151A			871480	ZEH	EET EDI	10/12/22 10:43
Total/NA	Analysis	8151A		1	871650	SAK	EET EDI	10/13/22 12:11
Total/NA	Prep	3546			871719	NAR	EET EDI	10/13/22 10:42
Total/NA	Analysis	NJDEP EPH		1	871826	CDC	EET EDI	10/13/22 21:14
Total/NA	Prep	3050B			871848	GAE	EET EDI	10/13/22 20:10
Total/NA	Analysis	6020B		1	872019	VAD	EET EDI	10/14/22 17:53
Total/NA	Prep	7471B			871612	TJS	EET EDI	10/13/22 00:14
Total/NA	Analysis	7471B		1	871654	TJS	EET EDI	10/13/22 04:17
Total/NA	Prep	9012B			872186	VBG	EET EDI	10/15/22 19:18
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 13:44

Client Sample ID: B-16-G

Date Collected: 10/11/22 09:25

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871959	BJB	EET EDI	10/14/22 10:49 - 10/15/22 06:00 ¹
TCLP	Analysis	8260D		10	872203	CJM	EET EDI	10/16/22 14:44
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50

Client Sample ID: B-16-G

Date Collected: 10/11/22 09:25

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-3

Matrix: Solid

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871598	JJC	EET EDI	10/12/22 21:24
Total/NA	Analysis	8260D		1	871870	AAT	EET EDI	10/14/22 09:09

Client Sample ID: B-16-C

Date Collected: 10/11/22 09:45

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871940	ZEH	EET EDI	10/14/22 09:48
TCLP	Analysis	8270E		1	872070	YAH	EET EDI	10/15/22 03:23
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871988	SXS	EET EDI	10/14/22 13:02
TCLP	Analysis	8081B		1	872309	FAM	EET EDI	10/17/22 06:44

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	8151A			871941	ZEH	EET EDI	10/14/22 09:54
TCLP	Analysis	8151A		1	872340	SAK	EET EDI	10/17/22 11:14
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3010A			872025	VAP	EET EDI	10/14/22 16:28
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 12:49
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	7470A			871999	RBS	EET EDI	10/14/22 14:34
TCLP	Analysis	7470A		1	872038	RBS	EET EDI	10/14/22 15:47
Total/NA	Analysis	1030		1	872393	YAH	EET EDI	10/17/22 11:35
Total/NA	Prep	7.3.3			872468	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9014		1	872470	HTV	EET EDI	10/17/22 14:00
Total/NA	Prep	7.3.4			872467	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9034		1	872469	HTV	EET EDI	10/17/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:44
Total/NA	Analysis	9095B		1	872018	YAH	EET EDI	10/14/22 14:50
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50
Total/NA	Analysis	SM 2540G		1	871750	PLS	EET EDI	10/13/22 13:01
Total/NA	Analysis	D422		1	184948	MAP	EET BUR	10/20/22 16:01

Client Sample ID: B-16-C

Lab Sample ID: 460-267298-4

Date Collected: 10/11/22 09:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871469	OTS	EET EDI	10/12/22 10:28
Total/NA	Analysis	8270E		1	871587	MME	EET EDI	10/13/22 07:29
Total/NA	Prep	3546			871557	ARA	EET EDI	10/12/22 18:12
Total/NA	Analysis	8081B		1	871623	FAM	EET EDI	10/13/22 11:15
Total/NA	Prep	3546			871554	ARA	EET EDI	10/12/22 17:58
Total/NA	Analysis	8082A		1	871692	JHP	EET EDI	10/13/22 15:21
Total/NA	Prep	8151A			871480	ZEH	EET EDI	10/12/22 10:43
Total/NA	Analysis	8151A		1	871650	SAK	EET EDI	10/13/22 12:25
Total/NA	Prep	3546			871719	NAR	EET EDI	10/13/22 10:42
Total/NA	Analysis	NJDEP EPH		1	871826	CDC	EET EDI	10/13/22 21:32
Total/NA	Prep	3050B			871848	GAE	EET EDI	10/13/22 20:10
Total/NA	Analysis	6020B		1	872019	VAD	EET EDI	10/14/22 17:56
Total/NA	Prep	7471B			871612	TJS	EET EDI	10/13/22 00:14
Total/NA	Analysis	7471B		1	871654	TJS	EET EDI	10/13/22 04:22
Total/NA	Prep	9012B			872186	VBG	EET EDI	10/15/22 19:18
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 13:45

Euromins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-G

Lab Sample ID: 460-267298-5

Date Collected: 10/11/22 10:05

Matrix: Solid

Date Received: 10/11/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871959	BJB	EET EDI	10/14/22 10:49 - 10/15/22 06:00 ¹
TCLP	Analysis	8260D		10	872203	CJM	EET EDI	10/16/22 15:09
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50

Client Sample ID: B-15-G

Lab Sample ID: 460-267298-5

Date Collected: 10/11/22 10:05

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871598	JJC	EET EDI	10/12/22 21:24
Total/NA	Analysis	8260D		1	871784	AAT	EET EDI	10/14/22 01:40

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Date Collected: 10/11/22 10:50

Matrix: Solid

Date Received: 10/11/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871940	ZEH	EET EDI	10/14/22 09:48
TCLP	Analysis	8270E		1	872070	YAH	EET EDI	10/15/22 03:44
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871988	SXS	EET EDI	10/14/22 13:02
TCLP	Analysis	8081B		1	872309	FAM	EET EDI	10/17/22 07:00
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	8151A			871941	ZEH	EET EDI	10/14/22 09:54
TCLP	Analysis	8151A		1	872340	SAK	EET EDI	10/17/22 11:28
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3010A			872025	VAP	EET EDI	10/14/22 16:28
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 12:56
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	7470A			871999	RBS	EET EDI	10/14/22 14:34
TCLP	Analysis	7470A		1	872038	RBS	EET EDI	10/14/22 15:48
Total/NA	Analysis	1030		1	872393	YAH	EET EDI	10/17/22 11:35
Total/NA	Prep	7.3.3			872468	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9014		1	872470	HTV	EET EDI	10/17/22 14:00
Total/NA	Prep	7.3.4			872467	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9034		1	872469	HTV	EET EDI	10/17/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:45
Total/NA	Analysis	9095B		1	872018	YAH	EET EDI	10/14/22 14:55
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50
Total/NA	Analysis	SM 2540G		1	871750	PLS	EET EDI	10/13/22 13:01
Total/NA	Analysis	D422		1	184948	MAP	EET BUR	10/20/22 16:02

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-15-C

Lab Sample ID: 460-267298-6

Date Collected: 10/11/22 10:50

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871469	OTS	EET EDI	10/12/22 10:28
Total/NA	Analysis	8270E		1	871810	MME	EET EDI	10/14/22 03:11
Total/NA	Prep	3546			871557	ARA	EET EDI	10/12/22 18:12
Total/NA	Analysis	8081B		1	871623	FAM	EET EDI	10/13/22 11:31
Total/NA	Prep	3546			871554	ARA	EET EDI	10/12/22 17:58
Total/NA	Analysis	8082A		1	871692	JHP	EET EDI	10/13/22 15:37
Total/NA	Prep	8151A			871480	ZEH	EET EDI	10/12/22 10:43
Total/NA	Analysis	8151A		1	871650	SAK	EET EDI	10/13/22 12:38
Total/NA	Prep	3546			871719	NAR	EET EDI	10/13/22 10:42
Total/NA	Analysis	NJDEP EPH		1	871826	CDC	EET EDI	10/13/22 21:50
Total/NA	Prep	3050B			871848	GAE	EET EDI	10/13/22 20:10
Total/NA	Analysis	6020B		1	872019	VAD	EET EDI	10/14/22 17:58
Total/NA	Prep	7471B			871612	TJS	EET EDI	10/13/22 00:14
Total/NA	Analysis	7471B		1	871654	TJS	EET EDI	10/13/22 04:24
Total/NA	Prep	9012B			872186	VBG	EET EDI	10/15/22 19:18
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 13:46

Client Sample ID: B-14-G

Lab Sample ID: 460-267298-7

Date Collected: 10/11/22 11:25

Matrix: Solid

Date Received: 10/11/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871959	BJB	EET EDI	10/14/22 10:49 - 10/15/22 06:00 ¹
TCLP	Analysis	8260D		10	872203	CJM	EET EDI	10/16/22 15:34
Total/NA	Analysis	Moisture		1	872022	CJC	EET EDI	10/14/22 16:21

Client Sample ID: B-14-G

Lab Sample ID: 460-267298-7

Date Collected: 10/11/22 11:25

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871598	JJC	EET EDI	10/12/22 21:24
Total/NA	Analysis	8260D		1	871784	AAT	EET EDI	10/14/22 02:02

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871940	ZEH	EET EDI	10/14/22 09:48
TCLP	Analysis	8270E		1	872070	YAH	EET EDI	10/15/22 04:06
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871988	SXS	EET EDI	10/14/22 13:02
TCLP	Analysis	8081B		1	872309	FAM	EET EDI	10/17/22 07:16

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	8151A			871941	ZEH	EET EDI	10/14/22 09:54
TCLP	Analysis	8151A		1	872340	SAK	EET EDI	10/17/22 11:42
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3010A			872025	VAP	EET EDI	10/14/22 16:28
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 12:59
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	7470A			871999	RBS	EET EDI	10/14/22 14:34
TCLP	Analysis	7470A		1	872038	RBS	EET EDI	10/14/22 15:50
Total/NA	Analysis	1030		1	872393	YAH	EET EDI	10/17/22 11:35
Total/NA	Prep	7.3.3			872468	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9014		1	872470	HTV	EET EDI	10/17/22 14:00
Total/NA	Prep	7.3.4			872467	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9034		1	872469	HTV	EET EDI	10/17/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:47
Total/NA	Analysis	9095B		1	872018	YAH	EET EDI	10/14/22 15:00
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50
Total/NA	Analysis	SM 2540G		1	871750	PLS	EET EDI	10/13/22 13:01
Total/NA	Analysis	D422		1	184948	MAP	EET BUR	10/20/22 16:04

Client Sample ID: B-14-C

Lab Sample ID: 460-267298-8

Date Collected: 10/11/22 11:45

Matrix: Solid

Date Received: 10/11/22 20:00

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871469	OTS	EET EDI	10/12/22 10:28
Total/NA	Analysis	8270E		1	871587	MME	EET EDI	10/13/22 07:51
Total/NA	Prep	3546			871557	ARA	EET EDI	10/12/22 18:12
Total/NA	Analysis	8081B		1	871623	FAM	EET EDI	10/13/22 11:47
Total/NA	Prep	3546			871554	ARA	EET EDI	10/12/22 17:58
Total/NA	Analysis	8082A		1	871692	JHP	EET EDI	10/13/22 15:54
Total/NA	Prep	8151A			871480	ZEH	EET EDI	10/12/22 10:43
Total/NA	Analysis	8151A		1	871650	SAK	EET EDI	10/13/22 12:52
Total/NA	Prep	3546			871719	NAR	EET EDI	10/13/22 10:42
Total/NA	Analysis	NJDEP EPH		1	871826	CDC	EET EDI	10/13/22 22:08
Total/NA	Prep	3050B			871848	GAE	EET EDI	10/13/22 20:10
Total/NA	Analysis	6020B		1	872019	VAD	EET EDI	10/14/22 18:00
Total/NA	Prep	7471B			871612	TJS	EET EDI	10/13/22 00:14
Total/NA	Analysis	7471B		1	871654	TJS	EET EDI	10/13/22 04:26
Total/NA	Prep	9012B			872186	VBG	EET EDI	10/15/22 19:18
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 13:47

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-G

Date Collected: 10/11/22 13:25

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871959	BJB	EET EDI	10/14/22 10:49 - 10/15/22 06:00 ¹
TCLP	Analysis	8260D		10	872203	CJM	EET EDI	10/16/22 15:59
Total/NA	Analysis	Moisture		1	872022	CJC	EET EDI	10/14/22 16:21

Client Sample ID: B-02-G

Date Collected: 10/11/22 13:25

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-9

Matrix: Solid

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871598	JJC	EET EDI	10/12/22 21:25
Total/NA	Analysis	8260D		1	871784	AAT	EET EDI	10/14/22 02:25

Client Sample ID: B-02-C

Date Collected: 10/11/22 13:40

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871940	ZEH	EET EDI	10/14/22 09:49
TCLP	Analysis	8270E		1	872070	YAH	EET EDI	10/15/22 04:27
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871988	SXS	EET EDI	10/14/22 13:02
TCLP	Analysis	8081B		1	872309	FAM	EET EDI	10/17/22 07:32
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	8151A			871941	ZEH	EET EDI	10/14/22 09:54
TCLP	Analysis	8151A		1	872340	SAK	EET EDI	10/17/22 11:55
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3010A			872025	VAP	EET EDI	10/14/22 16:28
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 13:01
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	7470A			871999	RBS	EET EDI	10/14/22 14:34
TCLP	Analysis	7470A		1	872038	RBS	EET EDI	10/14/22 15:55
Total/NA	Analysis	1030		1	872393	YAH	EET EDI	10/17/22 11:35
Total/NA	Prep	7.3.3			872468	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9014		1	872470	HTV	EET EDI	10/17/22 14:00
Total/NA	Prep	7.3.4			872467	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9034		1	872469	HTV	EET EDI	10/17/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:49
Total/NA	Analysis	9095B		1	872018	YAH	EET EDI	10/14/22 15:05
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50
Total/NA	Analysis	SM 2540G		1	871750	PLS	EET EDI	10/13/22 13:01
Total/NA	Analysis	D422		1	184948	MAP	EET BUR	10/20/22 16:06

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-02-C

Date Collected: 10/11/22 13:40

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-10

Matrix: Solid

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871469	OTS	EET EDI	10/12/22 10:28
Total/NA	Analysis	8270E		1	871810	MME	EET EDI	10/14/22 03:33
Total/NA	Prep	3546			871557	ARA	EET EDI	10/12/22 18:12
Total/NA	Analysis	8081B		1	871862	FAM	EET EDI	10/14/22 09:16
Total/NA	Prep	3546			871554	ARA	EET EDI	10/12/22 17:58
Total/NA	Analysis	8082A		1	871692	JHP	EET EDI	10/13/22 16:11
Total/NA	Prep	8151A			871480	ZEH	EET EDI	10/12/22 10:43
Total/NA	Analysis	8151A		1	871650	SAK	EET EDI	10/13/22 13:06
Total/NA	Prep	3546			871719	NAR	EET EDI	10/13/22 10:42
Total/NA	Analysis	NJDEP EPH		1	871826	CDC	EET EDI	10/13/22 22:27
Total/NA	Prep	3050B			871848	GAE	EET EDI	10/13/22 20:10
Total/NA	Analysis	6020B		1	872019	VAD	EET EDI	10/14/22 18:03
Total/NA	Prep	7471B			871612	TJS	EET EDI	10/13/22 00:14
Total/NA	Analysis	7471B		1	871654	TJS	EET EDI	10/13/22 04:28
Total/NA	Prep	9012B			872186	VBG	EET EDI	10/15/22 19:18
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 13:47

Client Sample ID: B-03-G

Date Collected: 10/11/22 14:15

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871959	BJB	EET EDI	10/14/22 10:49 - 10/15/22 06:00 ¹
TCLP	Analysis	8260D		10	872203	CJM	EET EDI	10/16/22 16:24
Total/NA	Analysis	Moisture		1	872022	CJC	EET EDI	10/14/22 16:21

Client Sample ID: B-03-G

Date Collected: 10/11/22 14:15

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-11

Matrix: Solid

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871598	JJC	EET EDI	10/12/22 21:25
Total/NA	Analysis	8260D		1	871784	AAT	EET EDI	10/14/22 02:47

Client Sample ID: B-03-C

Date Collected: 10/11/22 14:30

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			871940	ZEH	EET EDI	10/14/22 09:49
TCLP	Analysis	8270E		1	872070	YAH	EET EDI	10/15/22 04:49
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3510C			872490	GXY	EET EDI	10/18/22 10:36
TCLP	Analysis	8081B		1	872739	FAM	EET EDI	10/19/22 04:09

Eurofins Edison

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: B-03-C

Date Collected: 10/11/22 14:30

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	8151A			871941	ZEH	EET EDI	10/14/22 09:54
TCLP	Analysis	8151A		1	872340	SAK	EET EDI	10/17/22 12:09
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	3010A			872025	VAP	EET EDI	10/14/22 16:28
TCLP	Analysis	6020B		10	872403	VAD	EET EDI	10/17/22 13:04
TCLP	Leach	1311			871830	YAH	EET EDI	10/13/22 16:00 - 10/14/22 08:00 ¹
TCLP	Prep	7470A			871999	RBS	EET EDI	10/14/22 14:34
TCLP	Analysis	7470A		1	872038	RBS	EET EDI	10/14/22 15:57
Total/NA	Analysis	1030		1	872393	YAH	EET EDI	10/17/22 11:35
Total/NA	Prep	7.3.3			872468	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9014		1	872470	HTV	EET EDI	10/17/22 14:00
Total/NA	Prep	7.3.4			872467	HTV	EET EDI	10/17/22 10:00
Total/NA	Analysis	9034		1	872469	HTV	EET EDI	10/17/22 14:00
Total/NA	Analysis	9045D		1	872673	YAH	EET EDI	10/18/22 13:53
Total/NA	Analysis	9095B		1	872018	YAH	EET EDI	10/14/22 15:10
Total/NA	Analysis	Moisture		1	871648	MVA	EET EDI	10/13/22 07:50
Total/NA	Analysis	SM 2540G		1	871750	PLS	EET EDI	10/13/22 13:01
Total/NA	Analysis	D422		1	184948	MAP	EET BUR	10/20/22 16:07

Client Sample ID: B-03-C

Date Collected: 10/11/22 14:30

Date Received: 10/11/22 20:00

Lab Sample ID: 460-267298-12

Matrix: Solid

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			871469	OTS	EET EDI	10/12/22 10:28
Total/NA	Analysis	8270E		1	871587	MME	EET EDI	10/13/22 08:13
Total/NA	Prep	3546			871557	ARA	EET EDI	10/12/22 18:12
Total/NA	Analysis	8081B		1	871623	FAM	EET EDI	10/13/22 12:18
Total/NA	Prep	3546			871554	ARA	EET EDI	10/12/22 17:58
Total/NA	Analysis	8082A		1	871692	JHP	EET EDI	10/13/22 16:27
Total/NA	Prep	8151A			871480	ZEH	EET EDI	10/12/22 10:43
Total/NA	Analysis	8151A		1	871650	SAK	EET EDI	10/13/22 13:19
Total/NA	Prep	3546			871719	NAR	EET EDI	10/13/22 10:42
Total/NA	Analysis	NJDEP EPH		5	871897	AAA	EET EDI	10/14/22 11:43
Total/NA	Prep	3050B			871848	GAE	EET EDI	10/13/22 20:10
Total/NA	Analysis	6020B		1	872019	VAD	EET EDI	10/14/22 17:38
Total/NA	Prep	7471B			871612	TJS	EET EDI	10/13/22 00:14
Total/NA	Analysis	7471B		1	871654	TJS	EET EDI	10/13/22 04:30
Total/NA	Prep	9012B			872186	VBG	EET EDI	10/15/22 19:18
Total/NA	Analysis	9012B		1	872251	VBG	EET EDI	10/16/22 13:52

Lab Chronicle

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-267298-13

Date Collected: 10/11/22 14:30

Matrix: Water

Date Received: 10/11/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	871634	SZD	EET EDI	10/13/22 13:47

* 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

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Accreditation/Certification Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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
<p>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.</p>			
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

Method Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

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
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

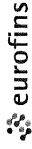
Sample Summary

Client: Montrose Environmental Solutions Inc
Project/Site: Yaffa

Job ID: 460-267298-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-267298-1	B-17-G	Solid	10/11/22 08:45	10/11/22 20:00
460-267298-2	B-17-C	Solid	10/11/22 08:55	10/11/22 20:00
460-267298-3	B-16-G	Solid	10/11/22 09:25	10/11/22 20:00
460-267298-4	B-16-C	Solid	10/11/22 09:45	10/11/22 20:00
460-267298-5	B-15-G	Solid	10/11/22 10:05	10/11/22 20:00
460-267298-6	B-15-C	Solid	10/11/22 10:50	10/11/22 20:00
460-267298-7	B-14-G	Solid	10/11/22 11:25	10/11/22 20:00
460-267298-8	B-14-C	Solid	10/11/22 11:45	10/11/22 20:00
460-267298-9	B-02-G	Solid	10/11/22 13:25	10/11/22 20:00
460-267298-10	B-02-C	Solid	10/11/22 13:40	10/11/22 20:00
460-267298-11	B-03-G	Solid	10/11/22 14:15	10/11/22 20:00
460-267298-12	B-03-C	Solid	10/11/22 14:30	10/11/22 20:00
460-267298-13	TRIP BLANK	Water	10/11/22 14:30	10/11/22 20:00

Chain of Custody Record



Sampler: Lab PM: **Tempe, Kristyn L**

Client Contact: **Tempe, Kristyn L**

Shipping/Receiving: **Kristyn Tempe@et.eurofins.com**

Company: **TestAmerica Laboratories, Inc.**

Address: **530 Community Drive, Suite 11, South Burlington, VT, 05403**

Phone: **802-660-1990(Tel) 802-660-1919(Fax)**

Email: **Yaiya**

Project Name: **46039019**

Site: **SSOW#**

Due Date Requested: **10/17/2022**

TAT Requested (days):

PO #

WO #

Preservation Codes:

M - Hexane

N - None

O - AsNaO2

P - Na2O4S

Q - Na2SO3

R - NaHSO4

S - H2SO4

T - TSP Dodecahydrate

U - Acetone

V - MCAA

W - pH 4-5

X - Trizma

L - EDTA

Other:

State of Origin: **New Jersey**

Page 1 of 1

Job #: **460-267298-1**

COC No: **460-666534 1**

Analysis Requested:

Field Filtered Sample (Yes or No) **X**

Perform MS/MSD (Yes or No) **X**

D42/ Grain Size (Sieve Only) **X**

Total Number of Containers: **1**

Special Instructions/Note:

Sample Identification - Client ID (Lab ID)

B-17-C (460-267298-2)

B-16-C (460-267298-4)

B-15-C (460-267298-8)

B-14-C (460-267298-8)

B-02-C (460-267298-10)

B-03-C (460-267298-12)

Sample Date

10/11/22

10/11/22

10/11/22

10/11/22

10/11/22

10/11/22

Sample Time

08:55 Eastern

09:45 Eastern

10:50 Eastern

11:45 Eastern

13:40 Eastern

14:30 Eastern

Sample Type (C=Comp, G=grab)

Solid

Solid

Solid

Solid

Solid

Solid

Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)

Solid

Solid

Solid

Solid

Solid

Solid

Preservation Code:

Solid

Solid

Solid

Solid

Solid

Solid

Sample Date

10/11/22

10/11/22

10/11/22

10/11/22

10/11/22

10/11/22

Sample Time

08:55 Eastern

09:45 Eastern

10:50 Eastern

11:45 Eastern

13:40 Eastern

14:30 Eastern

Sample Type (C=Comp, G=grab)

Solid

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Solid

Solid

Solid

Solid

Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)

Solid

Solid

Solid

Solid

Solid

Solid

Preservation Code:

Solid

Solid

Solid

Solid

Solid

Solid

Sample Date

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10/11/22

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10/11/22

10/11/22

Sample Time

08:55 Eastern

09:45 Eastern

10:50 Eastern

11:45 Eastern

13:40 Eastern

14:30 Eastern

Sample Type (C=Comp, G=grab)

Solid

Solid

Solid

Solid

Solid

Solid

Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)

Solid

Solid

Solid

Solid

Solid

Solid

Preservation Code:

Solid

Solid

Solid

Solid

Solid

Solid

Sample Date

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10/11/22

Sample Time

08:55 Eastern

09:45 Eastern

10:50 Eastern

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14:30 Eastern

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Sample Date

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10/11/22

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10/11/22

10/11/22

Sample Time

08:55 Eastern

09:45 Eastern

10:50 Eastern

11:45 Eastern

13:40 Eastern

14:30 Eastern

Sample Type (C=Comp, G=grab)

Solid

Solid

Solid

Solid

Solid

Solid

Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)

Solid

Solid

Solid

Solid

Solid

Solid

Preservation Code:

Solid

Solid

Solid

Solid

Solid

Solid

Sample Date

10/11/22

10/11/22

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10/11/22

10/11/22

10/11/22

Sample Time

08:55 Eastern

09:45 Eastern

10:50 Eastern

11:45 Eastern

13:40 Eastern

14:30 Eastern

Sample Type (C=Comp, G=grab)

Solid

Solid

Solid

Solid

Solid

Solid

Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)

Solid

Solid

Solid

Solid

Solid

Solid

Preservation Code:

Solid

Solid

Solid

Solid

Solid

Solid

Sample Date

10/11/22

10/11/22

10/11/22

10/11/22

10/11/22

10/11/22

Sample Time

08:55 Eastern

09:45 Eastern

10:50 Eastern

11:45 Eastern

13:40 Eastern

14:30 Eastern

Sample Type (C=Comp, G=grab)

Solid

Solid

Solid

Solid

Solid

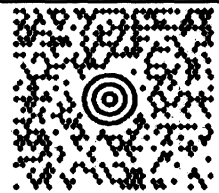
Solid

KENNETH RIVERA
9083615236
EUROFINS EDISON
777 NEW DURHAM ROAD
EDISON NJ 08817

45 LBS

1 OF 1

SHIP TO:
SAMPLE RECEIVING
8026551203
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SOUTH BURLINGTON VT 05403



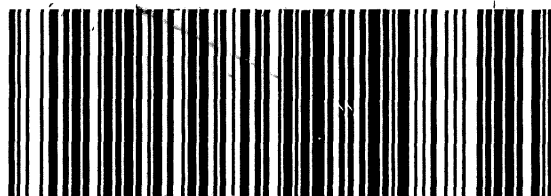
VT 054 0-02



UPS NEXT DAY AIR

TRACKING #: 1Z 73R 91R 01 9083 0766

1



BILLING: P/P



XOL 22-10.12 NV45 42.0A 10/2022*

Login Sample Receipt Checklist

Client: Montrose Environmental Solutions Inc

Job Number: 460-267298-1

Login Number: 267298

List Number: 1

Creator: Khlungprakhon, Sukanya

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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: 460-267298-1

Login Number: 267298

List Number: 2

Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

List Creation: 10/13/22 01:06 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	1861136
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	1.5°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.