

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Ramsey High

JOB NUMBER

460-328559-1

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Qualifiers

GC/MS 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.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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

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Definitions/Glossary

Client: Environmental Design Inc
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Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: Environmental Design Inc
Project: Ramsey High

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Job Narrative 460-328559-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/16/2025 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6°C and 1.8°C.

Receipt Exceptions

June 19th, 2025 - The following samples were activated for all tests: SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5)

Method 8260D - Volatile Organic Compounds by GC/MS

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 6/17/2025 and analyzed on 6/20/2025 and 6/28/2025.

The method blank for batch 1044835 contained Trichlorofluoromethane above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-analysis of samples was not performed.

The continuing calibration verification (CCV) associated with batch 460-1046807 recovered above the upper control limit for 1,2,4-Trichlorobenzene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The following sample was diluted due to the abundance of non-target analytes: SW-E-1 (460-328559-5). Elevated reporting limits (RLs) are provided.

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

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Volatile Organic Compounds by GC/MS - SPLP. The samples were leached on 6/18/2025 and analyzed on 6/19/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1044700 was outside the method criteria for the following analytes: 1,2,3-Trichlorobenzene, Dichlorodifluoromethane and Trichlorofluoromethane (biased high), Bromoform and Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1044700 recovered outside control limits for 1,2,3-Trichlorobenzene. The analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1044700 recovered outside control limits for the following analytes: 1,2,3-Trichlorobenzene, 2-Hexanone and Bromomethane.

The prep blank for analytical batch 460-1044700 contained Toluene above the method detection limit but less than the reporting limit (RL); re-analysis of samples was not performed.

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

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared and analyzed on 6/18/2025.

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Case Narrative

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The continuing calibration verification (CCV) analyzed in batch 460-1044412 was outside the method criteria for the following analyte(s): 1,2-Diphenylhydrazine, 2-Nitroaniline, 4-Nitrophenol, Benzaldehyde and bis (2-chloroisopropyl) ether. 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.

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

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Semivolatile Organic Compounds (GC/MS) - SPLP East. The samples were leached on 6/17/2025, prepared on 6/18/2025 and analyzed on 6/19/2025.

The surrogate recovery for the blank associated with preparation batch 460-1044433 and analytical batch 460-1044585 was outside the upper control limits.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SW-W-1 (460-328559-2), SW-S-1 (460-328559-3), SW-S-2 (460-328559-4) and SW-E-1 (460-328559-5). These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 460-1044585 was outside the method criteria for the following analyte(s): 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 laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1044433 and analytical batch 460-1044585 recovered outside control limits for the following analytes: Atrazine, Benzaldehyde, Caprolactam and Phenol. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) - SPLP East

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Semivolatile Organic Compounds (GC/MS SIM) - SPLP East. The samples were leached on 6/17/2025, prepared on 6/18/2025 and analyzed on 6/19/2025.

The continuing calibration verification (CCV) associated with batch 460-1044584 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1044433 and analytical batch 460-1044584 recovered outside control limits for the following analytes: 1,4-Dioxane, 4,6-Dinitro-2-methylphenol and N-Nitrosodimethylamine. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Samples SW-W-2 (460-328559-1), SW-W-1 (460-328559-2), SW-S-1 (460-328559-3), SW-S-2 (460-328559-4), SW-E-1 (460-328559-5), SW-E-2 (460-328559-6), SW-N-1 (460-328559-7) and SW-N-2 (460-328559-8) were analyzed for New Jersey Extractable Petroleum Hydrocarbons. The samples were prepared on 6/16/2025 and analyzed on 6/17/2025.

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

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 6/17/2025 and analyzed on 6/19/2025.

The DCB Decachlorobiphenyl surrogate recovery for the following sample was outside acceptance limits (high biased) on the primary column due to matrix interference: SW-W-1 (460-328559-2). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

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

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography - SPLP East. The samples were leached on 6/17/2025, prepared on 6/19/2025 and analyzed on 6/20/2025.

Method 6020B - Metals (ICP/MS)

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Metals (ICP/MS). The samples were prepared on 6/19/2025 and analyzed on 6/20/2025.

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Case Narrative

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Project: Ramsey High

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Method 6020B - Metals (ICP/MS) - SPLP East

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Metals (ICP/MS) - SPLP East. The samples were leached on 6/17/2025, prepared on 6/18/2025 and analyzed on 6/19/2025.

Method 7470A - Mercury (CVAA) - SPLP East

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Mercury (CVAA) - SPLP East. The samples were leached on 6/17/2025 and prepared and analyzed on 6/24/2025.

Method 7471B - Mercury (CVAA)

Samples SW-W-1 (460-328559-2) and SW-E-1 (460-328559-5) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 6/20/2025.

Method Moisture - Percent Moisture

Samples SW-W-2 (460-328559-1), SW-W-1 (460-328559-2), SW-S-1 (460-328559-3), SW-S-2 (460-328559-4), SW-E-1 (460-328559-5), SW-E-2 (460-328559-6), SW-N-1 (460-328559-7) and SW-N-2 (460-328559-8) were analyzed for Percent Moisture. The samples were analyzed on 6/16/2025.

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-2

Date Collected: 06/16/25 13:15

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-1

Matrix: Solid

Percent Solids: 73.9

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	19	U	19	19	mg/Kg	☆	06/16/25 21:06	06/17/25 11:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	113		40 - 140				06/16/25 21:06	06/17/25 11:22	1
1-Chlorooctadecane	129		40 - 140				06/16/25 21:06	06/17/25 11:22	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	26.1		1.0	1.0	%			06/16/25 18:52	1
Percent Solids (EPA Moisture)	73.9		1.0	1.0	%			06/16/25 18:52	1

Client Sample ID: SW-W-1

Date Collected: 06/16/25 13:25

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-2

Matrix: Solid

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.23	U	1.0	0.23	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,1,2,2-Tetrachloroethane	0.52	U	1.0	0.52	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.30	U	1.0	0.30	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,1,2-Trichloroethane	0.60	U	1.0	0.60	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,1-Dichloroethane	0.60	U	1.0	0.60	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,2,3-Trichlorobenzene	0.74	U	1.0	0.74	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,2,4-Trichlorobenzene	0.36	U	1.0	0.36	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,2-Dichloropropane	0.42	U	1.0	0.42	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,3-Dichlorobenzene	0.37	U	1.0	0.37	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
1,4-Dioxane	22	U	100	22	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
2-Butanone (MEK)	3.4	J	5.0	0.37	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
2-Hexanone	1.7	U	5.0	1.7	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
4-Methyl-2-pentanone (MIBK)	1.6	U	5.0	1.6	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Acetone	17		6.0	5.7	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Benzene	0.57	U	1.0	0.57	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Bromoform	0.43	U	1.0	0.43	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Bromomethane	1.0	U	2.0	1.0	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Carbon disulfide	0.27	J	1.0	0.27	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Carbon tetrachloride	0.39	U	1.0	0.39	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Chlorobenzene	0.51	U	1.0	0.51	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Chlorobromomethane	0.60	U	1.0	0.60	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Chlorodibromomethane	0.54	U	1.0	0.54	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Chloroethane	0.52	U	1.0	0.52	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Chloroform	0.97	U	1.0	0.97	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Chloromethane	0.44	U	1.0	0.44	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
cis-1,2-Dichloroethene	0.36	U	1.0	0.36	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
cis-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Cyclohexane	0.22	U	1.0	0.22	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Dichlorobromomethane	0.26	U	1.0	0.26	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Dichlorodifluoromethane	0.34	U	1.0	0.34	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1
Ethylbenzene	0.47	U	1.0	0.47	ug/Kg	☆	06/17/25 07:23	06/20/25 02:50	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.51	U	1.0	0.51	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Isopropylbenzene	0.29	U	1.0	0.29	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Methyl acetate	4.3	U	5.0	4.3	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Methyl tert-butyl ether	0.51	U	1.0	0.51	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Methylcyclohexane	0.50	U	1.0	0.50	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Methylene Chloride	1.1	U	2.0	1.1	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
m-Xylene & p-Xylene	0.42	U	1.0	0.42	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
o-Xylene	0.46	U	1.0	0.46	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Styrene	0.28	U	1.0	0.28	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Toluene	0.23	U	1.0	0.23	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
trans-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Trichloroethene	0.32	U	1.0	0.32	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Trichlorofluoromethane	0.41	U	1.0	0.41	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
Vinyl chloride	0.55	U	1.0	0.55	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
1,2-Dichloroethane	0.30	U	1.0	0.30	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
1,2-Dichlorobenzene	0.36	U	1.0	0.36	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1
1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46	ug/Kg	☼	06/17/25 07:23	06/20/25 02:50	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	18	J	ug/Kg	☼	12.17	N/A	06/17/25 07:23	06/20/25 02:50	1
Unknown	13	J	ug/Kg	☼	12.42	N/A	06/17/25 07:23	06/20/25 02:50	1
Unknown	9.4	J	ug/Kg	☼	12.44	N/A	06/17/25 07:23	06/20/25 02:50	1
Benzene, (2-methyl-1-butenyl)-	27	J N	ug/Kg	☼	12.51	56253-64-6	06/17/25 07:23	06/20/25 02:50	1
Naphthalene, 1,2,3,4-tetrahydro-2-methyl-	10	J N	ug/Kg	☼	12.71	3877-19-8	06/17/25 07:23	06/20/25 02:50	1
Unknown	15	J	ug/Kg	☼	12.76	N/A	06/17/25 07:23	06/20/25 02:50	1
Unknown	12	J	ug/Kg	☼	12.81	N/A	06/17/25 07:23	06/20/25 02:50	1
1H-Indene, 2,3-dihydro-1,6-dimethyl-	14	J N	ug/Kg	☼	12.91	17059-48-2	06/17/25 07:23	06/20/25 02:50	1
Unknown	23	J	ug/Kg	☼	13.07	N/A	06/17/25 07:23	06/20/25 02:50	1
Naphthalene, 1,2,3,4-tetrahydro-1,8-dimethyl-	22	J N	ug/Kg	☼	13.21	25419-33-4	06/17/25 07:23	06/20/25 02:50	1
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	29	J N	ug/Kg	☼	13.36	1680-51-9	06/17/25 07:23	06/20/25 02:50	1
Unknown	29	J	ug/Kg	☼	13.48	N/A	06/17/25 07:23	06/20/25 02:50	1
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	9.3	J N	ug/Kg	☼	13.55	2613-76-5	06/17/25 07:23	06/20/25 02:50	1
Naphthalene, 1,2,3,4-tetrahydro-1,4-dimethyl-	22	J N	ug/Kg	☼	13.74	4175-54-6	06/17/25 07:23	06/20/25 02:50	1
Naphthalene, 1,2,3,4-tetrahydro-1,5-dimethyl-	24	J N	ug/Kg	☼	14.18	21564-91-0	06/17/25 07:23	06/20/25 02:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		65 - 138	06/17/25 07:23	06/20/25 02:50	1
4-Bromofluorobenzene	91		71 - 128	06/17/25 07:23	06/20/25 02:50	1
Dibromofluoromethane (Surr)	96		50 - 150	06/17/25 07:23	06/20/25 02:50	1
Toluene-d8 (Surr)	89		71 - 126	06/17/25 07:23	06/20/25 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00040	U	0.0010	0.00040	mg/L			06/19/25 18:33	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.00028	U *1	0.0010	0.00028	mg/L			06/19/25 18:33	1
Vinyl chloride	0.00017	U	0.0010	0.00017	mg/L			06/19/25 18:33	1
Chloroethane	0.00032	U	0.0010	0.00032	mg/L			06/19/25 18:33	1
Methylene Chloride	0.00031	U	0.0010	0.00031	mg/L			06/19/25 18:33	1
Acetone	0.0051		0.0050	0.0044	mg/L			06/19/25 18:33	1
Carbon disulfide	0.00082	U	0.0010	0.00082	mg/L			06/19/25 18:33	1
Trichlorofluoromethane	0.00032	U	0.0010	0.00032	mg/L			06/19/25 18:33	1
1,1-Dichloroethene	0.00026	U	0.0010	0.00026	mg/L			06/19/25 18:33	1
1,1-Dichloroethane	0.00026	U	0.0010	0.00026	mg/L			06/19/25 18:33	1
trans-1,2-Dichloroethene	0.00024	U	0.0010	0.00024	mg/L			06/19/25 18:33	1
cis-1,2-Dichloroethene	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:33	1
Chloroform	0.00033	U	0.0010	0.00033	mg/L			06/19/25 18:33	1
1,2-Dichloroethane	0.00043	U	0.0010	0.00043	mg/L			06/19/25 18:33	1
2-Butanone (MEK)	0.0019	U	0.0050	0.0019	mg/L			06/19/25 18:33	1
1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024	mg/L			06/19/25 18:33	1
Carbon tetrachloride	0.00021	U	0.0010	0.00021	mg/L			06/19/25 18:33	1
Dichlorobromomethane	0.00034	U	0.0010	0.00034	mg/L			06/19/25 18:33	1
1,2-Dichloropropane	0.00035	U	0.0010	0.00035	mg/L			06/19/25 18:33	1
cis-1,3-Dichloropropene	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:33	1
Trichloroethene	0.00031	U	0.0010	0.00031	mg/L			06/19/25 18:33	1
Chlorodibromomethane	0.00028	U	0.0010	0.00028	mg/L			06/19/25 18:33	1
1,1,2-Trichloroethane	0.00020	U	0.0010	0.00020	mg/L			06/19/25 18:33	1
Benzene	0.00020	U	0.0010	0.00020	mg/L			06/19/25 18:33	1
trans-1,3-Dichloropropene	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:33	1
Bromoform	0.00054	U	0.0010	0.00054	mg/L			06/19/25 18:33	1
4-Methyl-2-pentanone (MIBK)	0.0013	U	0.0050	0.0013	mg/L			06/19/25 18:33	1
2-Hexanone	0.0011	U *1	0.0050	0.0011	mg/L			06/19/25 18:33	1
Tetrachloroethene	0.00025	U	0.0010	0.00025	mg/L			06/19/25 18:33	1
1,1,2,2-Tetrachloroethane	0.00037	U	0.0010	0.00037	mg/L			06/19/25 18:33	1
Toluene	0.00038	U	0.0010	0.00038	mg/L			06/19/25 18:33	1
Chlorobenzene	0.00038	U	0.0010	0.00038	mg/L			06/19/25 18:33	1
Ethylbenzene	0.00030	U	0.0010	0.00030	mg/L			06/19/25 18:33	1
Styrene	0.00041	U	0.0010	0.00041	mg/L			06/19/25 18:33	1
m-Xylene & p-Xylene	0.00056	J	0.0020	0.00030	mg/L			06/19/25 18:33	1
o-Xylene	0.00036	U	0.0010	0.00036	mg/L			06/19/25 18:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031	mg/L			06/19/25 18:33	1
Methyl tert-butyl ether	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:33	1
Cyclohexane	0.00032	U	0.0010	0.00032	mg/L			06/19/25 18:33	1
Ethylene Dibromide	0.00050	U	0.0010	0.00050	mg/L			06/19/25 18:33	1
1,3-Dichlorobenzene	0.00034	U	0.0010	0.00034	mg/L			06/19/25 18:33	1
1,4-Dichlorobenzene	0.00033	U	0.0010	0.00033	mg/L			06/19/25 18:33	1
1,2-Dichlorobenzene	0.00021	U	0.0010	0.00021	mg/L			06/19/25 18:33	1
Dichlorodifluoromethane	0.00031	U	0.0020	0.00031	mg/L			06/19/25 18:33	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/L			06/19/25 18:33	1
1,4-Dioxane	0.028	U	0.050	0.028	mg/L			06/19/25 18:33	1
1,2,3-Trichlorobenzene	0.00036	U *+ *1	0.0010	0.00036	mg/L			06/19/25 18:33	1
1,2-Dibromo-3-Chloropropane	0.00038	U	0.0010	0.00038	mg/L			06/19/25 18:33	1
Chlorobromomethane	0.00041	U	0.0010	0.00041	mg/L			06/19/25 18:33	1
Isopropylbenzene	0.00034	U	0.0010	0.00034	mg/L			06/19/25 18:33	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.00078	U	0.0050	0.00078	mg/L			06/19/25 18:33	1
Methylcyclohexane	0.00071	U	0.0010	0.00071	mg/L			06/19/25 18:33	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
3-(4-Methyl-piperazin-1-yl)-N-(4-trifluoromethoxy-phenyl)-pr	0.0086	J N	mg/L		1.01	1000294-41-0		06/19/25 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		70 - 128		06/19/25 18:33	1
Toluene-d8 (Surr)	89		80 - 120		06/19/25 18:33	1
4-Bromofluorobenzene	111		76 - 120		06/19/25 18:33	1
Dibromofluoromethane (Surr)	83		77 - 132		06/19/25 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.0090	U	0.18	0.0090	ug/L		06/18/25 09:25	06/19/25 03:43	1
Benzo[a]pyrene	0.015	U	0.18	0.015	ug/L		06/18/25 09:25	06/19/25 03:43	1
Benzo[b]fluoranthene	0.012	U	0.18	0.012	ug/L		06/18/25 09:25	06/19/25 03:43	1
Bis(2-chloroethyl)ether	0.0070	U	0.11	0.0070	ug/L		06/18/25 09:25	06/19/25 03:43	1
Hexachlorobenzene	0.0060	U	0.071	0.0060	ug/L		06/18/25 09:25	06/19/25 03:43	1
N-Nitrosodimethylamine	0.037	U **	0.71	0.037	ug/L		06/18/25 09:25	06/19/25 03:43	1
Pentachlorophenol	0.024	U	0.36	0.024	ug/L		06/18/25 09:25	06/19/25 03:43	1
1,4-Dioxane	0.050	U **	0.71	0.050	ug/L		06/18/25 09:25	06/19/25 03:43	1
Indeno[1,2,3-cd]pyrene	0.012	U	0.18	0.012	ug/L		06/18/25 09:25	06/19/25 03:43	1
Dibenz(a,h)anthracene	0.014	U	0.18	0.014	ug/L		06/18/25 09:25	06/19/25 03:43	1
Benzo[k]fluoranthene	0.0070	U	0.18	0.0070	ug/L		06/18/25 09:25	06/19/25 03:43	1
Benzo[g,h,i]perylene	0.011	U	0.18	0.011	ug/L		06/18/25 09:25	06/19/25 03:43	1
4,6-Dinitro-2-methylphenol	0.19	U **	1.4	0.19	ug/L		06/18/25 09:25	06/19/25 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		10 - 150	06/18/25 09:25	06/19/25 03:43	1
Nitrobenzene-d5	91		24 - 149	06/18/25 09:25	06/19/25 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	13	U	380	13	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
1,2,4,5-Tetrachlorobenzene	12	U	380	12	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,2'-oxybis[1-chloropropane]	23	U	380	23	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,3,4,6-Tetrachlorophenol	26	U	380	26	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,4,5-Trichlorophenol	39	U	380	39	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,4,6-Trichlorophenol	49	U	150	49	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,4-Dichlorophenol	25	U	150	25	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,4-Dimethylphenol	46	U	380	46	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,4-Dinitrophenol	190	U	310	190	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,4-Dinitrotoluene	41	U	77	41	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2,6-Dinitrotoluene	28	U	77	28	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2-Chloronaphthalene	49	U	380	49	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2-Chlorophenol	14	U	380	14	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2-Methylnaphthalene	11	U	380	11	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2-Methylphenol	14	U	380	14	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1
2-Nitroaniline	29	U	380	29	ug/Kg	✱	06/18/25 06:33	06/18/25 13:24	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	38	U	380	38	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
3,3'-Dichlorobenzidine	58	U	150	58	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
3-Nitroaniline	91	U	380	91	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4,6-Dinitro-2-methylphenol	160	U	310	160	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4-Bromophenyl phenyl ether	15	U	380	15	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4-Chloro-3-methylphenol	21	U	380	21	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4-Chloroaniline	68	U	380	68	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4-Chlorophenyl phenyl ether	13	U	380	13	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4-Methylphenol	24	U	380	24	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4-Nitroaniline	97	U	380	97	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
4-Nitrophenol	62	U	770	62	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Acenaphthene	11	U	380	11	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Acenaphthylene	11	U	380	11	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Acetophenone	19	U	380	19	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Anthracene	12	U	380	12	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Atrazine	23	U	150	23	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Benzaldehyde	63	U	380	63	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Benzo[a]anthracene	29	U	38	29	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Benzo[a]pyrene	10	U	38	10	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Benzo[b]fluoranthene	9.9	U	38	9.9	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Benzo[g,h,i]perylene	11	U	380	11	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Benzo[k]fluoranthene	7.5	U	38	7.5	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Bis(2-chloroethoxy)methane	71	U	380	71	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Bis(2-chloroethyl)ether	13	U	38	13	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Bis(2-ethylhexyl) phthalate	20	U	380	20	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Butyl benzyl phthalate	18	U	380	18	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Caprolactam	60	U	380	60	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Carbazole	15	U	380	15	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Chrysene	16	U	380	16	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Dibenz(a,h)anthracene	17	U	38	17	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Dibenzofuran	13	U	380	13	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Diethyl phthalate	12	U	380	12	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Dimethyl phthalate	87	U	380	87	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Di-n-butyl phthalate	14	U	380	14	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Di-n-octyl phthalate	20	U	380	20	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Fluoranthene	13	U	380	13	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Fluorene	16	J	380	11	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Hexachlorobenzene	18	U	38	18	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Hexachlorobutadiene	8.1	U	77	8.1	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Hexachlorocyclopentadiene	34	U	380	34	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Hexachloroethane	13	U	38	13	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Indeno[1,2,3-cd]pyrene	15	U	38	15	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Isophorone	110	U	150	110	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Naphthalene	6.6	U	380	6.6	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Nitrobenzene	21	U	38	21	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
N-Nitrosodi-n-propylamine	28	U	38	28	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
N-Nitrosodiphenylamine	31	U	380	31	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Pentachlorophenol	78	U	310	78	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1
Phenanthrene	44	J	380	16	ug/Kg	☆	06/18/25 06:33	06/18/25 13:24	1

Eurofins Edison

Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	14	U	380	14	ug/Kg	☼	06/18/25 06:33	06/18/25 13:24	1
Pyrene	11	J	380	9.5	ug/Kg	☼	06/18/25 06:33	06/18/25 13:24	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	06/18/25 06:33	06/18/25 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		18 - 137	06/18/25 06:33	06/18/25 13:24	1
2-Fluorobiphenyl	64		33 - 117	06/18/25 06:33	06/18/25 13:24	1
2-Fluorophenol (Surr)	65		24 - 120	06/18/25 06:33	06/18/25 13:24	1
Nitrobenzene-d5 (Surr)	54		27 - 120	06/18/25 06:33	06/18/25 13:24	1
Phenol-d5 (Surr)	60		28 - 118	06/18/25 06:33	06/18/25 13:24	1
Terphenyl-d14 (Surr)	66		33 - 124	06/18/25 06:33	06/18/25 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.36	U +	10	0.36	ug/L		06/18/25 09:25	06/19/25 00:40	1
2-Chlorophenol	0.70	U	10	0.70	ug/L		06/18/25 09:25	06/19/25 00:40	1
2-Methylphenol	0.60	U	10	0.60	ug/L		06/18/25 09:25	06/19/25 00:40	1
4-Methylphenol	0.58	U	10	0.58	ug/L		06/18/25 09:25	06/19/25 00:40	1
2-Nitrophenol	1.2	U	10	1.2	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,4-Dimethylphenol	0.48	U	10	0.48	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,4-Dichlorophenol	0.47	U	10	0.47	ug/L		06/18/25 09:25	06/19/25 00:40	1
4-Chloro-3-methylphenol	0.66	U	10	0.66	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,4,6-Trichlorophenol	1.1	U	3.0	1.1	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,4,5-Trichlorophenol	0.72	U	10	0.72	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,4-Dinitrotoluene	0.63	U	10	0.63	ug/L		06/18/25 09:25	06/19/25 00:40	1
4-Nitrophenol	8.1	U	20	8.1	ug/L		06/18/25 09:25	06/19/25 00:40	1
N-Nitrosodi-n-propylamine	0.46	U	1.0	0.46	ug/L		06/18/25 09:25	06/19/25 00:40	1
Hexachloroethane	0.28	U	0.80	0.28	ug/L		06/18/25 09:25	06/19/25 00:40	1
Nitrobenzene	0.54	U	1.0	0.54	ug/L		06/18/25 09:25	06/19/25 00:40	1
Isophorone	0.71	U	10	0.71	ug/L		06/18/25 09:25	06/19/25 00:40	1
Naphthalene	0.21	U	2.0	0.21	ug/L		06/18/25 09:25	06/19/25 00:40	1
4-Chloroaniline	0.89	U	5.0	0.89	ug/L		06/18/25 09:25	06/19/25 00:40	1
Hexachlorobutadiene	0.40	U	1.0	0.40	ug/L		06/18/25 09:25	06/19/25 00:40	1
2-Methylnaphthalene	0.73	U	10	0.73	ug/L		06/18/25 09:25	06/19/25 00:40	1
Hexachlorocyclopentadiene	1.7	U	10	1.7	ug/L		06/18/25 09:25	06/19/25 00:40	1
2-Chloronaphthalene	0.97	U	10	0.97	ug/L		06/18/25 09:25	06/19/25 00:40	1
2-Nitroaniline	1.6	U	10	1.6	ug/L		06/18/25 09:25	06/19/25 00:40	1
Dimethyl phthalate	0.92	U	10	0.92	ug/L		06/18/25 09:25	06/19/25 00:40	1
Acenaphthylene	0.91	U	10	0.91	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,6-Dinitrotoluene	0.54	U	2.0	0.54	ug/L		06/18/25 09:25	06/19/25 00:40	1
3-Nitroaniline	1.2	U	10	1.2	ug/L		06/18/25 09:25	06/19/25 00:40	1
Acenaphthene	0.89	U	10	0.89	ug/L		06/18/25 09:25	06/19/25 00:40	1
Dibenzofuran	0.83	U	10	0.83	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,4-Dinitrophenol	4.0	U	40	4.0	ug/L		06/18/25 09:25	06/19/25 00:40	1
Diethyl phthalate	1.3	U	10	1.3	ug/L		06/18/25 09:25	06/19/25 00:40	1
4-Chlorophenyl phenyl ether	0.77	U	10	0.77	ug/L		06/18/25 09:25	06/19/25 00:40	1
Fluorene	0.68	U	10	0.68	ug/L		06/18/25 09:25	06/19/25 00:40	1
4-Nitroaniline	2.6	U	10	2.6	ug/L		06/18/25 09:25	06/19/25 00:40	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		06/18/25 09:25	06/19/25 00:40	1
4-Bromophenyl phenyl ether	1.2	U	10	1.2	ug/L		06/18/25 09:25	06/19/25 00:40	1
Phenanthrene	1.0	U	10	1.0	ug/L		06/18/25 09:25	06/19/25 00:40	1
Anthracene	0.84	U	10	0.84	ug/L		06/18/25 09:25	06/19/25 00:40	1
Carbazole	0.99	U	10	0.99	ug/L		06/18/25 09:25	06/19/25 00:40	1
Di-n-butyl phthalate	2.1	U	10	2.1	ug/L		06/18/25 09:25	06/19/25 00:40	1
Fluoranthene	1.3	U	10	1.3	ug/L		06/18/25 09:25	06/19/25 00:40	1
Pyrene	1.5	U	10	1.5	ug/L		06/18/25 09:25	06/19/25 00:40	1
Butyl benzyl phthalate	2.6	U	10	2.6	ug/L		06/18/25 09:25	06/19/25 00:40	1
Chrysene	0.63	U	2.0	0.63	ug/L		06/18/25 09:25	06/19/25 00:40	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	2.0	ug/L		06/18/25 09:25	06/19/25 00:40	1
Di-n-octyl phthalate	3.9	U	10	3.9	ug/L		06/18/25 09:25	06/19/25 00:40	1
1,1'-Biphenyl	0.77	U	5.0	0.77	ug/L		06/18/25 09:25	06/19/25 00:40	1
Acetophenone	0.80	U	10	0.80	ug/L		06/18/25 09:25	06/19/25 00:40	1
Benzaldehyde	0.88	U *	10	0.88	ug/L		06/18/25 09:25	06/19/25 00:40	1
Caprolactam	5.1	U *	10	5.1	ug/L		06/18/25 09:25	06/19/25 00:40	1
Atrazine	1.7	U *	2.0	1.7	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,2'-oxybis[1-chloropropane]	0.56	U	10	0.56	ug/L		06/18/25 09:25	06/19/25 00:40	1
1,2,4,5-Tetrachlorobenzene	0.64	U	10	0.64	ug/L		06/18/25 09:25	06/19/25 00:40	1
2,3,4,6-Tetrachlorophenol	1.0	U	10	1.0	ug/L		06/18/25 09:25	06/19/25 00:40	1
3,3'-Dichlorobenzidine	3.9	U	5.2	3.9	ug/L		06/18/25 09:25	06/19/25 00:40	1
Bis(2-chloroethoxy)methane	0.71	U	10	0.71	ug/L		06/18/25 09:25	06/19/25 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	83		34 - 144	06/18/25 09:25	06/19/25 00:40	1
Phenol-d5 (Surr)	86	S1+	10 - 70	06/18/25 09:25	06/19/25 00:40	1
Terphenyl-d14 (Surr)	82		10 - 150	06/18/25 09:25	06/19/25 00:40	1
2,4,6-Tribromophenol (Surr)	83		29 - 150	06/18/25 09:25	06/19/25 00:40	1
2-Fluorophenol (Surr)	87		17 - 93	06/18/25 09:25	06/19/25 00:40	1
2-Fluorobiphenyl	80		29 - 140	06/18/25 09:25	06/19/25 00:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor 1221	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor 1232	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor 1242	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor 1248	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor 1254	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor 1260	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor-1262	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Aroclor 1268	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1
Polychlorinated biphenyls, Total	21	U	77	21	ug/Kg	✱	06/17/25 10:51	06/19/25 22:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	139		10 - 150	06/17/25 10:51	06/19/25 22:39	1
DCB Decachlorobiphenyl	155	S1+	10 - 150	06/17/25 10:51	06/19/25 22:39	1
Tetrachloro-m-xylene	115		10 - 150	06/17/25 10:51	06/19/25 22:39	1
Tetrachloro-m-xylene	117		10 - 150	06/17/25 10:51	06/19/25 22:39	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1221	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1232	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1242	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1248	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1254	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1260	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1262	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:00	1
Aroclor 1268	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:00	1
Polychlorinated biphenyls, Total	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		10 - 150	06/19/25 07:56	06/20/25 18:00	1
DCB Decachlorobiphenyl	112		10 - 150	06/19/25 07:56	06/20/25 18:00	1
Tetrachloro-m-xylene	87		10 - 147	06/19/25 07:56	06/20/25 18:00	1
Tetrachloro-m-xylene	98		10 - 147	06/19/25 07:56	06/20/25 18:00	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	16	U	16	16	mg/Kg	☆	06/16/25 21:06	06/17/25 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	111		40 - 140	06/16/25 21:06	06/17/25 11:36	1
1-Chlorooctadecane	127		40 - 140	06/16/25 21:06	06/17/25 11:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.083	U	0.37	0.083	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Aluminum	9310		18.6	5.1	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Arsenic	1.6		0.93	0.096	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Barium	36.0		1.9	0.13	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Beryllium	0.34	J	0.37	0.020	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Calcium	519		92.8	9.0	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Cadmium	0.10	U	0.93	0.10	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Cobalt	2.5		1.9	0.14	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Chromium	13.8		1.9	0.28	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Copper	7.9		1.9	0.34	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Iron	8330		55.7	7.1	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Potassium	444		92.8	15.0	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Magnesium	1010		92.8	9.5	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Manganese	43.7		3.7	0.37	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Sodium	65.2	J	92.8	42.4	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Nickel	6.4		1.9	0.16	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Lead	3.3		0.56	0.19	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Antimony	0.14	U	0.93	0.14	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Selenium	0.14	J	1.2	0.12	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Thallium	0.051	J	0.37	0.038	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Vanadium	18.0		1.9	0.19	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1
Zinc	19.2		7.4	1.0	mg/Kg	☆	06/19/25 18:00	06/20/25 04:22	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Lab Sample ID: 460-328559-2

Date Collected: 06/16/25 13:25

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.29	U	2.0	0.29	ug/L		06/18/25 14:50	06/19/25 20:38	1
Aluminum	17300		40.0	19.5	ug/L		06/18/25 14:50	06/19/25 20:38	1
Arsenic	3.5		2.0	0.89	ug/L		06/18/25 14:50	06/19/25 20:38	1
Barium	68.1		4.0	0.91	ug/L		06/18/25 14:50	06/19/25 20:38	1
Beryllium	0.58	J	0.80	0.13	ug/L		06/18/25 14:50	06/19/25 20:38	1
Calcium	2340		500	53.6	ug/L		06/18/25 14:50	06/19/25 20:38	1
Cadmium	0.29	U	0.92	0.29	ug/L		06/18/25 14:50	06/19/25 20:38	1
Cobalt	2.4		2.0	0.24	ug/L		06/18/25 14:50	06/19/25 20:38	1
Chromium	27.3		4.0	1.2	ug/L		06/18/25 14:50	06/19/25 20:38	1
Copper	13.4		4.0	2.5	ug/L		06/18/25 14:50	06/19/25 20:38	1
Iron	11400		120	58.2	ug/L		06/18/25 14:50	06/19/25 20:38	1
Potassium	908		200	112	ug/L		06/18/25 14:50	06/19/25 20:38	1
Magnesium	1100		200	20.9	ug/L		06/18/25 14:50	06/19/25 20:38	1
Manganese	38.8		8.0	1.5	ug/L		06/18/25 14:50	06/19/25 20:38	1
Sodium	12200		500	219	ug/L		06/18/25 14:50	06/19/25 20:38	1
Nickel	8.8		4.0	0.91	ug/L		06/18/25 14:50	06/19/25 20:38	1
Lead	5.5		1.2	0.84	ug/L		06/18/25 14:50	06/19/25 20:38	1
Antimony	0.49	J	2.0	0.30	ug/L		06/18/25 14:50	06/19/25 20:38	1
Selenium	0.59	U	2.5	0.59	ug/L		06/18/25 14:50	06/19/25 20:38	1
Thallium	0.17	U	0.50	0.17	ug/L		06/18/25 14:50	06/19/25 20:38	1
Vanadium	31.4		4.0	0.68	ug/L		06/18/25 14:50	06/19/25 20:38	1
Zinc	30.8		16.0	6.5	ug/L		06/18/25 14:50	06/19/25 20:38	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		06/24/25 10:37	06/24/25 16:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.019	0.0090	mg/Kg	☼	06/20/25 00:41	06/20/25 11:07	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.8		1.0	1.0	%			06/16/25 18:52	1
Percent Solids (EPA Moisture)	86.2		1.0	1.0	%			06/16/25 18:52	1

Client Sample ID: SW-S-1

Lab Sample ID: 460-328559-3

Date Collected: 06/16/25 13:35

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 87.8

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	16	U	16	16	mg/Kg	☼	06/16/25 21:06	06/17/25 11:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	116		40 - 140				06/16/25 21:06	06/17/25 11:50	1
1-Chlorooctadecane	132		40 - 140				06/16/25 21:06	06/17/25 11:50	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			06/16/25 18:52	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-S-1

Date Collected: 06/16/25 13:35

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-3

Matrix: Solid

Percent Solids: 87.8

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			06/16/25 18:52	1

Client Sample ID: SW-S-2

Date Collected: 06/16/25 13:45

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-4

Matrix: Solid

Percent Solids: 89.8

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	16	U	16	16	mg/Kg	✱	06/16/25 21:06	06/17/25 12:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	112		40 - 140				06/16/25 21:06	06/17/25 12:04	1
1-Chlorooctadecane	128		40 - 140				06/16/25 21:06	06/17/25 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.2		1.0	1.0	%			06/16/25 18:52	1
Percent Solids (EPA Moisture)	89.8		1.0	1.0	%			06/16/25 18:52	1

Client Sample ID: SW-E-1

Date Collected: 06/16/25 13:55

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-5

Matrix: Solid

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	46	U	110	46	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Bromomethane	64	U	110	64	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Vinyl chloride	23	U	110	23	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Chloroethane	42	U	110	42	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Methylene Chloride	24	U	110	24	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Acetone	510	U	570	510	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Carbon disulfide	77	U	110	77	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Trichlorofluoromethane	37	U	110	37	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
1,1-Dichloroethene	30	U	110	30	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
1,1-Dichloroethane	28	U	110	28	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
trans-1,2-Dichloroethene	21	U	110	21	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
cis-1,2-Dichloroethene	30	U	110	30	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Chloroform	25	U	110	25	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
1,2-Dichloroethane	29	U	110	29	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
2-Butanone (MEK)	250	U	570	250	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
1,1,1-Trichloroethane	32	U	110	32	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Carbon tetrachloride	38	U	110	38	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Dichlorobromomethane	17	U	110	17	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
1,2-Dichloropropane	21	U	110	21	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
cis-1,3-Dichloropropene	25	U	110	25	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Trichloroethene	25	U	110	25	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Chlorodibromomethane	25	U	110	25	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
1,1,2-Trichloroethane	23	U	110	23	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Benzene	23	U	110	23	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
trans-1,3-Dichloropropene	25	U	110	25	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50
Bromoform	21	U	110	21	ug/Kg	✱	06/17/25 07:13	06/28/25 14:59	50

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	150	U	570	150	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
2-Hexanone	130	U	570	130	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Tetrachloroethene	41	U	110	41	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,1,2,2-Tetrachloroethane	23	U	110	23	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Toluene	29	U	110	29	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Chlorobenzene	28	U	110	28	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Ethylbenzene	34	U	110	34	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Styrene	19	U	110	19	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
m-Xylene & p-Xylene	32	U	110	32	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
o-Xylene	37	U	110	37	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,1,2-Trichloro-1,2,2-trifluoroethane	39	U	110	39	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Methyl tert-butyl ether	25	U	110	25	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Cyclohexane	30	U	110	30	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Ethylene Dibromide	22	U	110	22	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,3-Dichlorobenzene	38	U	110	38	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,4-Dichlorobenzene	38	U	110	38	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,2-Dichlorobenzene	71	J	110	25	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Dichlorodifluoromethane	36	U	110	36	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,2,4-Trichlorobenzene	31	U	110	31	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,4-Dioxane	3200	U	5700	3200	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,2,3-Trichlorobenzene	40	U	110	40	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
1,2-Dibromo-3-Chloropropane	24	U	110	24	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Chlorobromomethane	34	U	110	34	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Isopropylbenzene	37	U	110	37	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Methyl acetate	130	J	570	90	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50
Methylcyclohexane	83	U	110	83	ug/Kg	☼	06/17/25 07:13	06/28/25 14:59	50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Nonane, 3-methyl-	6100	J N	ug/Kg	☼	8.64	5911-04-6	06/17/25 07:13	06/28/25 14:59	50
2-Octene, 2,6-dimethyl-	5500	J N	ug/Kg	☼	9.20	4057-42-5	06/17/25 07:13	06/28/25 14:59	50
Cyclohexane, (1-methylpropyl)-	5000	J N	ug/Kg	☼	10.05	7058-01-7	06/17/25 07:13	06/28/25 14:59	50
Naphthalene, decahydro-, trans-	6800	J N	ug/Kg	☼	10.44	493-02-7	06/17/25 07:13	06/28/25 14:59	50
Benzene, 1-ethyl-2,3-dimethyl-	4100	J N	ug/Kg	☼	10.72	933-98-2	06/17/25 07:13	06/28/25 14:59	50
Unknown	4900	J	ug/Kg	☼	10.91	N/A	06/17/25 07:13	06/28/25 14:59	50
trans-Decalin, 2-methyl-	4500	J N	ug/Kg	☼	10.97	1000152-47-3	06/17/25 07:13	06/28/25 14:59	50
1-Methyldecahydronaphthalene	4000	J N	ug/Kg	☼	11.13	2958-75-0	06/17/25 07:13	06/28/25 14:59	50
Benzene, 1,2,4,5-tetramethyl-	6900	J N	ug/Kg	☼	11.48	95-93-2	06/17/25 07:13	06/28/25 14:59	50
Benzene, (2-methyl-1-butenyl)-	5200	J N	ug/Kg	☼	11.83	56253-64-6	06/17/25 07:13	06/28/25 14:59	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	146		60 - 150	06/17/25 07:13	06/28/25 14:59	50
Toluene-d8 (Surr)	120		64 - 157	06/17/25 07:13	06/28/25 14:59	50
4-Bromofluorobenzene	121		70 - 150	06/17/25 07:13	06/28/25 14:59	50
Dibromofluoromethane (Surr)	129		68 - 150	06/17/25 07:13	06/28/25 14:59	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00040	U	0.0010	0.00040	mg/L			06/19/25 18:59	1
Bromomethane	0.00028	U *1	0.0010	0.00028	mg/L			06/19/25 18:59	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.00017	U	0.0010	0.00017	mg/L			06/19/25 18:59	1
Chloroethane	0.00032	U	0.0010	0.00032	mg/L			06/19/25 18:59	1
Methylene Chloride	0.00031	U	0.0010	0.00031	mg/L			06/19/25 18:59	1
Acetone	0.0049	J	0.0050	0.0044	mg/L			06/19/25 18:59	1
Carbon disulfide	0.00082	U	0.0010	0.00082	mg/L			06/19/25 18:59	1
Trichlorofluoromethane	0.00032	U	0.0010	0.00032	mg/L			06/19/25 18:59	1
1,1-Dichloroethene	0.00026	U	0.0010	0.00026	mg/L			06/19/25 18:59	1
1,1-Dichloroethane	0.00026	U	0.0010	0.00026	mg/L			06/19/25 18:59	1
trans-1,2-Dichloroethene	0.00024	U	0.0010	0.00024	mg/L			06/19/25 18:59	1
cis-1,2-Dichloroethene	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:59	1
Chloroform	0.00033	U	0.0010	0.00033	mg/L			06/19/25 18:59	1
1,2-Dichloroethane	0.00043	U	0.0010	0.00043	mg/L			06/19/25 18:59	1
2-Butanone (MEK)	0.0019	U	0.0050	0.0019	mg/L			06/19/25 18:59	1
1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024	mg/L			06/19/25 18:59	1
Carbon tetrachloride	0.00021	U	0.0010	0.00021	mg/L			06/19/25 18:59	1
Dichlorobromomethane	0.00034	U	0.0010	0.00034	mg/L			06/19/25 18:59	1
1,2-Dichloropropane	0.00035	U	0.0010	0.00035	mg/L			06/19/25 18:59	1
cis-1,3-Dichloropropene	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:59	1
Trichloroethene	0.00031	U	0.0010	0.00031	mg/L			06/19/25 18:59	1
Chlorodibromomethane	0.00028	U	0.0010	0.00028	mg/L			06/19/25 18:59	1
1,1,2-Trichloroethane	0.00020	U	0.0010	0.00020	mg/L			06/19/25 18:59	1
Benzene	0.00020	U	0.0010	0.00020	mg/L			06/19/25 18:59	1
trans-1,3-Dichloropropene	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:59	1
Bromoform	0.00054	U	0.0010	0.00054	mg/L			06/19/25 18:59	1
4-Methyl-2-pentanone (MIBK)	0.0013	U	0.0050	0.0013	mg/L			06/19/25 18:59	1
2-Hexanone	0.0011	U *1	0.0050	0.0011	mg/L			06/19/25 18:59	1
Tetrachloroethene	0.00025	U	0.0010	0.00025	mg/L			06/19/25 18:59	1
1,1,2,2-Tetrachloroethane	0.00037	U	0.0010	0.00037	mg/L			06/19/25 18:59	1
Toluene	0.00038	U	0.0010	0.00038	mg/L			06/19/25 18:59	1
Chlorobenzene	0.00038	U	0.0010	0.00038	mg/L			06/19/25 18:59	1
Ethylbenzene	0.00030	U	0.0010	0.00030	mg/L			06/19/25 18:59	1
Styrene	0.00041	U	0.0010	0.00041	mg/L			06/19/25 18:59	1
m-Xylene & p-Xylene	0.00090	J	0.0020	0.00030	mg/L			06/19/25 18:59	1
o-Xylene	0.00044	J	0.0010	0.00036	mg/L			06/19/25 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031	mg/L			06/19/25 18:59	1
Methyl tert-butyl ether	0.00022	U	0.0010	0.00022	mg/L			06/19/25 18:59	1
Cyclohexane	0.00032	U	0.0010	0.00032	mg/L			06/19/25 18:59	1
Ethylene Dibromide	0.00050	U	0.0010	0.00050	mg/L			06/19/25 18:59	1
1,3-Dichlorobenzene	0.00034	U	0.0010	0.00034	mg/L			06/19/25 18:59	1
1,4-Dichlorobenzene	0.00033	U	0.0010	0.00033	mg/L			06/19/25 18:59	1
1,2-Dichlorobenzene	0.00089	J	0.0010	0.00021	mg/L			06/19/25 18:59	1
Dichlorodifluoromethane	0.00031	U	0.0020	0.00031	mg/L			06/19/25 18:59	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/L			06/19/25 18:59	1
1,4-Dioxane	0.028	U	0.050	0.028	mg/L			06/19/25 18:59	1
1,2,3-Trichlorobenzene	0.00036	U *+ *1	0.0010	0.00036	mg/L			06/19/25 18:59	1
1,2-Dibromo-3-Chloropropane	0.00038	U	0.0010	0.00038	mg/L			06/19/25 18:59	1
Chlorobromomethane	0.00041	U	0.0010	0.00041	mg/L			06/19/25 18:59	1
Isopropylbenzene	0.00034	U	0.0010	0.00034	mg/L			06/19/25 18:59	1
Methyl acetate	0.00078	U	0.0050	0.00078	mg/L			06/19/25 18:59	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00071	U	0.0010	0.00071	mg/L			06/19/25 18:59	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/L			N/A		06/19/25 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		70 - 128					06/19/25 18:59	1
Toluene-d8 (Surr)	90		80 - 120					06/19/25 18:59	1
4-Bromofluorobenzene	112		76 - 120					06/19/25 18:59	1
Dibromofluoromethane (Surr)	83		77 - 132					06/19/25 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.0090	U	0.18	0.0090	ug/L		06/18/25 09:25	06/19/25 04:46	1
Benzo[a]pyrene	0.015	U	0.18	0.015	ug/L		06/18/25 09:25	06/19/25 04:46	1
Benzo[b]fluoranthene	0.012	U	0.18	0.012	ug/L		06/18/25 09:25	06/19/25 04:46	1
Bis(2-chloroethyl)ether	0.0070	U	0.11	0.0070	ug/L		06/18/25 09:25	06/19/25 04:46	1
Hexachlorobenzene	0.0060	U	0.071	0.0060	ug/L		06/18/25 09:25	06/19/25 04:46	1
N-Nitrosodimethylamine	0.037	U *	0.71	0.037	ug/L		06/18/25 09:25	06/19/25 04:46	1
Pentachlorophenol	0.024	U	0.36	0.024	ug/L		06/18/25 09:25	06/19/25 04:46	1
1,4-Dioxane	0.050	U *	0.71	0.050	ug/L		06/18/25 09:25	06/19/25 04:46	1
Indeno[1,2,3-cd]pyrene	0.012	U	0.18	0.012	ug/L		06/18/25 09:25	06/19/25 04:46	1
Dibenz(a,h)anthracene	0.014	U	0.18	0.014	ug/L		06/18/25 09:25	06/19/25 04:46	1
Benzo[k]fluoranthene	0.0070	U	0.18	0.0070	ug/L		06/18/25 09:25	06/19/25 04:46	1
Benzo[g,h,i]perylene	0.011	U	0.18	0.011	ug/L		06/18/25 09:25	06/19/25 04:46	1
4,6-Dinitro-2-methylphenol	0.19	U *	1.4	0.19	ug/L		06/18/25 09:25	06/19/25 04:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		10 - 150				06/18/25 09:25	06/19/25 04:46	1
Nitrobenzene-d5	93		24 - 149				06/18/25 09:25	06/19/25 04:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	13	U	380	13	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
1,2,4,5-Tetrachlorobenzene	12	U	380	12	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,2'-oxybis[1-chloropropane]	23	U	380	23	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,3,4,6-Tetrachlorophenol	26	U	380	26	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,4,5-Trichlorophenol	39	U	380	39	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,4,6-Trichlorophenol	49	U	150	49	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,4-Dichlorophenol	25	U	150	25	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,4-Dimethylphenol	46	U	380	46	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,4-Dinitrophenol	190	U	310	190	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,4-Dinitrotoluene	41	U	78	41	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2,6-Dinitrotoluene	28	U	78	28	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2-Chloronaphthalene	49	U	380	49	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2-Chlorophenol	14	U	380	14	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2-Methylnaphthalene	11	U	380	11	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2-Methylphenol	14	U	380	14	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2-Nitroaniline	29	U	380	29	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
2-Nitrophenol	38	U	380	38	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
3,3'-Dichlorobenzidine	58	U	150	58	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1

Eurofins Edison

Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	91	U	380	91	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4,6-Dinitro-2-methylphenol	160	U	310	160	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4-Bromophenyl phenyl ether	15	U	380	15	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4-Chloro-3-methylphenol	22	U	380	22	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4-Chloroaniline	68	U	380	68	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4-Chlorophenyl phenyl ether	14	U	380	14	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4-Methylphenol	24	U	380	24	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4-Nitroaniline	97	U	380	97	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
4-Nitrophenol	63	U	780	63	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Acenaphthene	11	U	380	11	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Acenaphthylene	20	J	380	11	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Acetophenone	19	U	380	19	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Anthracene	33	J	380	12	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Atrazine	23	U	150	23	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Benzaldehyde	63	U	380	63	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Benzo[a]anthracene	150		38	29	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Benzo[a]pyrene	180		38	10	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Benzo[b]fluoranthene	230		38	9.9	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Benzo[g,h,i]perylene	150	J	380	11	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Benzo[k]fluoranthene	78		38	7.5	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Bis(2-chloroethoxy)methane	71	U	380	71	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Bis(2-chloroethyl)ether	13	U	38	13	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Bis(2-ethylhexyl) phthalate	20	U	380	20	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Butyl benzyl phthalate	18	U	380	18	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Caprolactam	60	U	380	60	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Carbazole	15	U	380	15	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Chrysene	150	J	380	16	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Dibenz(a,h)anthracene	47		38	17	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Dibenzofuran	13	U	380	13	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Diethyl phthalate	12	U	380	12	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Dimethyl phthalate	87	U	380	87	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Di-n-butyl phthalate	15	J	380	14	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Di-n-octyl phthalate	20	U	380	20	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Fluoranthene	260	J	380	13	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Fluorene	11	U	380	11	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Hexachlorobenzene	18	U	38	18	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Hexachlorobutadiene	8.2	U	78	8.2	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Hexachlorocyclopentadiene	34	U	380	34	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Hexachloroethane	13	U	38	13	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Indeno[1,2,3-cd]pyrene	160		38	15	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Isophorone	110	U	150	110	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Naphthalene	6.6	U	380	6.6	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Nitrobenzene	21	U	38	21	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
N-Nitrosodi-n-propylamine	28	U	38	28	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
N-Nitrosodiphenylamine	32	U	380	32	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Pentachlorophenol	79	U	310	79	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Phenanthrene	79	J	380	16	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Phenol	14	U	380	14	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1
Pyrene	230	J	380	9.6	ug/Kg	✱	06/18/25 06:33	06/18/25 16:37	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	06/18/25 06:33	06/18/25 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		18 - 137				06/18/25 06:33	06/18/25 16:37	1
2-Fluorobiphenyl	60		33 - 117				06/18/25 06:33	06/18/25 16:37	1
2-Fluorophenol (Surr)	59		24 - 120				06/18/25 06:33	06/18/25 16:37	1
Nitrobenzene-d5 (Surr)	52		27 - 120				06/18/25 06:33	06/18/25 16:37	1
Phenol-d5 (Surr)	57		28 - 118				06/18/25 06:33	06/18/25 16:37	1
Terphenyl-d14 (Surr)	60		33 - 124				06/18/25 06:33	06/18/25 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.36	U **	10	0.36	ug/L		06/18/25 09:25	06/19/25 01:43	1
2-Chlorophenol	0.70	U	10	0.70	ug/L		06/18/25 09:25	06/19/25 01:43	1
2-Methylphenol	0.60	U	10	0.60	ug/L		06/18/25 09:25	06/19/25 01:43	1
4-Methylphenol	0.58	U	10	0.58	ug/L		06/18/25 09:25	06/19/25 01:43	1
2-Nitrophenol	1.2	U	10	1.2	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,4-Dimethylphenol	0.48	U	10	0.48	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,4-Dichlorophenol	0.47	U	10	0.47	ug/L		06/18/25 09:25	06/19/25 01:43	1
4-Chloro-3-methylphenol	0.66	U	10	0.66	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,4,6-Trichlorophenol	1.1	U	3.0	1.1	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,4,5-Trichlorophenol	0.72	U	10	0.72	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,4-Dinitrotoluene	0.63	U	10	0.63	ug/L		06/18/25 09:25	06/19/25 01:43	1
4-Nitrophenol	8.1	U	20	8.1	ug/L		06/18/25 09:25	06/19/25 01:43	1
N-Nitrosodi-n-propylamine	0.46	U	1.0	0.46	ug/L		06/18/25 09:25	06/19/25 01:43	1
Hexachloroethane	0.28	U	0.80	0.28	ug/L		06/18/25 09:25	06/19/25 01:43	1
Nitrobenzene	0.54	U	1.0	0.54	ug/L		06/18/25 09:25	06/19/25 01:43	1
Isophorone	0.71	U	10	0.71	ug/L		06/18/25 09:25	06/19/25 01:43	1
Naphthalene	0.21	U	2.0	0.21	ug/L		06/18/25 09:25	06/19/25 01:43	1
4-Chloroaniline	0.89	U	5.0	0.89	ug/L		06/18/25 09:25	06/19/25 01:43	1
Hexachlorobutadiene	0.40	U	1.0	0.40	ug/L		06/18/25 09:25	06/19/25 01:43	1
2-Methylnaphthalene	0.73	U	10	0.73	ug/L		06/18/25 09:25	06/19/25 01:43	1
Hexachlorocyclopentadiene	1.7	U	10	1.7	ug/L		06/18/25 09:25	06/19/25 01:43	1
2-Chloronaphthalene	0.97	U	10	0.97	ug/L		06/18/25 09:25	06/19/25 01:43	1
2-Nitroaniline	1.6	U	10	1.6	ug/L		06/18/25 09:25	06/19/25 01:43	1
Dimethyl phthalate	0.92	U	10	0.92	ug/L		06/18/25 09:25	06/19/25 01:43	1
Acenaphthylene	0.91	U	10	0.91	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,6-Dinitrotoluene	0.54	U	2.0	0.54	ug/L		06/18/25 09:25	06/19/25 01:43	1
3-Nitroaniline	1.2	U	10	1.2	ug/L		06/18/25 09:25	06/19/25 01:43	1
Acenaphthene	0.89	U	10	0.89	ug/L		06/18/25 09:25	06/19/25 01:43	1
Dibenzofuran	0.83	U	10	0.83	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,4-Dinitrophenol	4.0	U	40	4.0	ug/L		06/18/25 09:25	06/19/25 01:43	1
Diethyl phthalate	1.3	U	10	1.3	ug/L		06/18/25 09:25	06/19/25 01:43	1
4-Chlorophenyl phenyl ether	0.77	U	10	0.77	ug/L		06/18/25 09:25	06/19/25 01:43	1
Fluorene	0.68	U	10	0.68	ug/L		06/18/25 09:25	06/19/25 01:43	1
4-Nitroaniline	2.6	U	10	2.6	ug/L		06/18/25 09:25	06/19/25 01:43	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		06/18/25 09:25	06/19/25 01:43	1
4-Bromophenyl phenyl ether	1.2	U	10	1.2	ug/L		06/18/25 09:25	06/19/25 01:43	1
Phenanthrene	1.0	U	10	1.0	ug/L		06/18/25 09:25	06/19/25 01:43	1
Anthracene	0.84	U	10	0.84	ug/L		06/18/25 09:25	06/19/25 01:43	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	0.99	U	10	0.99	ug/L		06/18/25 09:25	06/19/25 01:43	1
Di-n-butyl phthalate	2.1	U	10	2.1	ug/L		06/18/25 09:25	06/19/25 01:43	1
Fluoranthene	1.3	U	10	1.3	ug/L		06/18/25 09:25	06/19/25 01:43	1
Pyrene	1.5	U	10	1.5	ug/L		06/18/25 09:25	06/19/25 01:43	1
Butyl benzyl phthalate	2.6	U	10	2.6	ug/L		06/18/25 09:25	06/19/25 01:43	1
Chrysene	0.63	U	2.0	0.63	ug/L		06/18/25 09:25	06/19/25 01:43	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	2.0	ug/L		06/18/25 09:25	06/19/25 01:43	1
Di-n-octyl phthalate	3.9	U	10	3.9	ug/L		06/18/25 09:25	06/19/25 01:43	1
1,1'-Biphenyl	0.77	U	5.0	0.77	ug/L		06/18/25 09:25	06/19/25 01:43	1
Acetophenone	0.80	U	10	0.80	ug/L		06/18/25 09:25	06/19/25 01:43	1
Benzaldehyde	0.88	U *	10	0.88	ug/L		06/18/25 09:25	06/19/25 01:43	1
Caprolactam	5.1	U *	10	5.1	ug/L		06/18/25 09:25	06/19/25 01:43	1
Atrazine	1.7	U *	2.0	1.7	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,2'-oxybis[1-chloropropane]	0.56	U	10	0.56	ug/L		06/18/25 09:25	06/19/25 01:43	1
1,2,4,5-Tetrachlorobenzene	0.64	U	10	0.64	ug/L		06/18/25 09:25	06/19/25 01:43	1
2,3,4,6-Tetrachlorophenol	1.0	U	10	1.0	ug/L		06/18/25 09:25	06/19/25 01:43	1
3,3'-Dichlorobenzidine	3.9	U	5.2	3.9	ug/L		06/18/25 09:25	06/19/25 01:43	1
Bis(2-chloroethoxy)methane	0.71	U	10	0.71	ug/L		06/18/25 09:25	06/19/25 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	68		34 - 144	06/18/25 09:25	06/19/25 01:43	1
Phenol-d5 (Surr)	71	S1+	10 - 70	06/18/25 09:25	06/19/25 01:43	1
Terphenyl-d14 (Surr)	69		10 - 150	06/18/25 09:25	06/19/25 01:43	1
2,4,6-Tribromophenol (Surr)	68		29 - 150	06/18/25 09:25	06/19/25 01:43	1
2-Fluorophenol (Surr)	72		17 - 93	06/18/25 09:25	06/19/25 01:43	1
2-Fluorobiphenyl	68		29 - 140	06/18/25 09:25	06/19/25 01:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor 1221	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor 1232	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor 1242	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor 1248	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor 1254	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor 1260	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor-1262	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Aroclor 1268	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1
Polychlorinated biphenyls, Total	21	U	78	21	ug/Kg	✱	06/17/25 10:51	06/19/25 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		10 - 150	06/17/25 10:51	06/19/25 23:47	1
DCB Decachlorobiphenyl	114		10 - 150	06/17/25 10:51	06/19/25 23:47	1
Tetrachloro-m-xylene	90		10 - 150	06/17/25 10:51	06/19/25 23:47	1
Tetrachloro-m-xylene	90		10 - 150	06/17/25 10:51	06/19/25 23:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:50	1
Aroclor 1221	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:50	1

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Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:50	1
Aroclor 1242	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:50	1
Aroclor 1248	0.045	U	0.20	0.045	ug/L		06/19/25 07:56	06/20/25 18:50	1
Aroclor 1254	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:50	1
Aroclor 1260	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:50	1
Aroclor 1262	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:50	1
Aroclor 1268	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:50	1
Polychlorinated biphenyls, Total	0.037	U	0.20	0.037	ug/L		06/19/25 07:56	06/20/25 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		10 - 150				06/19/25 07:56	06/20/25 18:50	1
DCB Decachlorobiphenyl	109		10 - 150				06/19/25 07:56	06/20/25 18:50	1
Tetrachloro-m-xylene	86		10 - 147				06/19/25 07:56	06/20/25 18:50	1
Tetrachloro-m-xylene	99		10 - 147				06/19/25 07:56	06/20/25 18:50	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	16	U	16	16	mg/Kg	☆	06/16/25 21:06	06/17/25 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	112		40 - 140				06/16/25 21:06	06/17/25 12:18	1
1-Chlorooctadecane	127		40 - 140				06/16/25 21:06	06/17/25 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.081	U	0.36	0.081	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Aluminum	6600		18.1	5.0	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Arsenic	2.4		0.90	0.093	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Barium	28.4		1.8	0.13	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Beryllium	0.38		0.36	0.020	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Calcium	1080		90.5	8.8	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Cadmium	0.10	U	0.90	0.10	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Cobalt	4.7		1.8	0.13	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Chromium	12.1		1.8	0.27	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Copper	9.4		1.8	0.33	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Iron	12700		54.3	6.9	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Potassium	525		90.5	14.7	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Magnesium	1570		90.5	9.2	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Manganese	97.9		3.6	0.36	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Sodium	405		90.5	41.3	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Nickel	8.2		1.8	0.16	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Lead	9.5		0.54	0.18	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Antimony	0.21	J	0.90	0.13	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Selenium	0.12	U	1.1	0.12	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Thallium	0.037	U	0.36	0.037	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Vanadium	20.8		1.8	0.19	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1
Zinc	26.9		7.2	0.99	mg/Kg	☆	06/19/25 18:00	06/20/25 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.29	U	2.0	0.29	ug/L		06/18/25 14:50	06/19/25 20:51	1

Eurofins Edison

Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Lab Sample ID: 460-328559-5

Date Collected: 06/16/25 13:55

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	52200		40.0	19.5	ug/L		06/18/25 14:50	06/19/25 20:51	1
Arsenic	20.2		2.0	0.89	ug/L		06/18/25 14:50	06/19/25 20:51	1
Barium	191		4.0	0.91	ug/L		06/18/25 14:50	06/19/25 20:51	1
Beryllium	1.8		0.80	0.13	ug/L		06/18/25 14:50	06/19/25 20:51	1
Calcium	6010		500	53.6	ug/L		06/18/25 14:50	06/19/25 20:51	1
Cadmium	0.51	J	0.92	0.29	ug/L		06/18/25 14:50	06/19/25 20:51	1
Cobalt	13.8		2.0	0.24	ug/L		06/18/25 14:50	06/19/25 20:51	1
Chromium	68.3		4.0	1.2	ug/L		06/18/25 14:50	06/19/25 20:51	1
Copper	53.0		4.0	2.5	ug/L		06/18/25 14:50	06/19/25 20:51	1
Iron	50600		120	58.2	ug/L		06/18/25 14:50	06/19/25 20:51	1
Potassium	3740		200	112	ug/L		06/18/25 14:50	06/19/25 20:51	1
Magnesium	4390		200	20.9	ug/L		06/18/25 14:50	06/19/25 20:51	1
Manganese	309		8.0	1.5	ug/L		06/18/25 14:50	06/19/25 20:51	1
Sodium	20500		500	219	ug/L		06/18/25 14:50	06/19/25 20:51	1
Nickel	33.9		4.0	0.91	ug/L		06/18/25 14:50	06/19/25 20:51	1
Lead	67.5		1.2	0.84	ug/L		06/18/25 14:50	06/19/25 20:51	1
Antimony	1.4	J	2.0	0.30	ug/L		06/18/25 14:50	06/19/25 20:51	1
Selenium	1.0	J	2.5	0.59	ug/L		06/18/25 14:50	06/19/25 20:51	1
Thallium	0.25	J	0.50	0.17	ug/L		06/18/25 14:50	06/19/25 20:51	1
Vanadium	112		4.0	0.68	ug/L		06/18/25 14:50	06/19/25 20:51	1
Zinc	146		16.0	6.5	ug/L		06/18/25 14:50	06/19/25 20:51	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	J	0.20	0.091	ug/L		06/24/25 10:37	06/24/25 16:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.018	0.0082	mg/Kg	☼	06/20/25 00:41	06/20/25 11:16	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.3		1.0	1.0	%			06/16/25 18:52	1
Percent Solids (EPA Moisture)	85.7		1.0	1.0	%			06/16/25 18:52	1

Client Sample ID: SW-E-2

Lab Sample ID: 460-328559-6

Date Collected: 06/16/25 14:05

Matrix: Solid

Date Received: 06/16/25 17:15

Percent Solids: 84.2

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	17	U	17	17	mg/Kg	☼	06/16/25 21:06	06/17/25 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	116		40 - 140	06/16/25 21:06	06/17/25 12:32	1
1-Chlorooctadecane	131		40 - 140	06/16/25 21:06	06/17/25 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.8		1.0	1.0	%			06/16/25 18:52	1
Percent Solids (EPA Moisture)	84.2		1.0	1.0	%			06/16/25 18:52	1

Eurofins Edison

Client Sample Results

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-N-1

Date Collected: 06/16/25 14:15

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-7

Matrix: Solid

Percent Solids: 80.2

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	17	U	17	17	mg/Kg	☆	06/16/25 21:06	06/17/25 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	116		40 - 140	06/16/25 21:06	06/17/25 12:46	1
1-Chlorooctadecane	132		40 - 140	06/16/25 21:06	06/17/25 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	19.8		1.0	1.0	%			06/16/25 21:02	1
Percent Solids (EPA Moisture)	80.2		1.0	1.0	%			06/16/25 21:02	1

Client Sample ID: SW-N-2

Date Collected: 06/16/25 14:25

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-8

Matrix: Solid

Percent Solids: 88.5

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	16	U	16	16	mg/Kg	☆	06/16/25 21:06	06/17/25 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	115		40 - 140	06/16/25 21:06	06/17/25 13:00	1
1-Chlorooctadecane	130		40 - 140	06/16/25 21:06	06/17/25 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.5		1.0	1.0	%			06/16/25 21:02	1
Percent Solids (EPA Moisture)	88.5		1.0	1.0	%			06/16/25 21:02	1

Lab Chronicle

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-2

Date Collected: 06/16/25 13:15

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 18:52

Client Sample ID: SW-W-2

Date Collected: 06/16/25 13:15

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-1

Matrix: Solid

Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 11:22

Client Sample ID: SW-W-1

Date Collected: 06/16/25 13:25

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP	Leach	1312			1044493	BJB	EET EDI	06/18/25 12:17 - 06/19/25 08:00 ¹
SPLP	Analysis	8260D		1	1044700	MZS	EET EDI	06/19/25 18:33
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3511			1044433	BXP	EET EDI	06/18/25 09:25
SPLP East	Analysis	8270E		1	1044585	MME	EET EDI	06/19/25 00:40
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3511			1044433	BXP	EET EDI	06/18/25 09:25
SPLP East	Analysis	8270E SIM		1	1044584	MME	EET EDI	06/19/25 03:43
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3511			1044713	TMP	EET EDI	06/19/25 07:56
SPLP East	Analysis	8082A		1	1045166	JHP	EET EDI	06/20/25 18:00
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3010A			1044543	TAP	EET EDI	06/18/25 14:50
SPLP East	Analysis	6020B		1	1044939	DLE	EET EDI	06/19/25 20:38
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	7470A			1045748	JKF	EET EDI	06/24/25 10:37
SPLP East	Analysis	7470A		1	1045849	JKF	EET EDI	06/24/25 16:05
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 18:52

Client Sample ID: SW-W-1

Date Collected: 06/16/25 13:25

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-2

Matrix: Solid

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044137	JCZ	EET EDI	06/17/25 07:23
Total/NA	Analysis	8260D		1	1044835	EMM	EET EDI	06/20/25 02:50
Total/NA	Prep	3546			1044359	AXB	EET EDI	06/18/25 06:33
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 13:24
Total/NA	Prep	3546			1044204	OTS	EET EDI	06/17/25 10:51
Total/NA	Analysis	8082A		1	1044802	SAK	EET EDI	06/19/25 22:39

Eurofins Edison

Lab Chronicle

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-W-1

Date Collected: 06/16/25 13:25

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-2

Matrix: Solid

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 11:36
Total/NA	Prep	3050B			1044905	GAE	EET EDI	06/19/25 18:00
Total/NA	Analysis	6020B		1	1044939	DLE	EET EDI	06/20/25 04:22
Total/NA	Prep	7471B			1044931	TJS	EET EDI	06/20/25 00:41
Total/NA	Analysis	7471B		1	1045114	JKF	EET EDI	06/20/25 11:07

Client Sample ID: SW-S-1

Date Collected: 06/16/25 13:35

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 18:52

Client Sample ID: SW-S-1

Date Collected: 06/16/25 13:35

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-3

Matrix: Solid

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 11:50

Client Sample ID: SW-S-2

Date Collected: 06/16/25 13:45

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 18:52

Client Sample ID: SW-S-2

Date Collected: 06/16/25 13:45

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-4

Matrix: Solid

Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 12:04

Client Sample ID: SW-E-1

Date Collected: 06/16/25 13:55

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP	Leach	1312			1044493	BJB	EET EDI	06/18/25 12:17 - 06/19/25 08:00 ¹
SPLP	Analysis	8260D		1	1044700	MZS	EET EDI	06/19/25 18:59

Eurofins Edison

Lab Chronicle

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-1

Date Collected: 06/16/25 13:55

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3511			1044433	BXP	EET EDI	06/18/25 09:25
SPLP East	Analysis	8270E		1	1044585	MME	EET EDI	06/19/25 01:43
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3511			1044433	BXP	EET EDI	06/18/25 09:25
SPLP East	Analysis	8270E SIM		1	1044584	MME	EET EDI	06/19/25 04:46
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3511			1044713	TMP	EET EDI	06/19/25 07:56
SPLP East	Analysis	8082A		1	1045166	JHP	EET EDI	06/20/25 18:50
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	3010A			1044543	TAP	EET EDI	06/18/25 14:50
SPLP East	Analysis	6020B		1	1044939	DLE	EET EDI	06/19/25 20:51
SPLP East	Leach	1312			1044292	YAH	EET EDI	06/17/25 16:55 - 06/18/25 09:00 ¹
SPLP East	Prep	7470A			1045748	JKF	EET EDI	06/24/25 10:37
SPLP East	Analysis	7470A		1	1045849	JKF	EET EDI	06/24/25 16:08
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 18:52

Client Sample ID: SW-E-1

Date Collected: 06/16/25 13:55

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-5

Matrix: Solid

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044134	JCZ	EET EDI	06/17/25 07:13
Total/NA	Analysis	8260D		50	1046807	MZS	EET EDI	06/28/25 14:59
Total/NA	Prep	3546			1044359	AXB	EET EDI	06/18/25 06:33
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 16:37
Total/NA	Prep	3546			1044204	OTS	EET EDI	06/17/25 10:51
Total/NA	Analysis	8082A		1	1044802	SAK	EET EDI	06/19/25 23:47
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 12:18
Total/NA	Prep	3050B			1044905	GAE	EET EDI	06/19/25 18:00
Total/NA	Analysis	6020B		1	1044939	DLE	EET EDI	06/20/25 04:25
Total/NA	Prep	7471B			1044931	TJS	EET EDI	06/20/25 00:41
Total/NA	Analysis	7471B		1	1045114	JKF	EET EDI	06/20/25 11:16

Client Sample ID: SW-E-2

Date Collected: 06/16/25 14:05

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 18:52

Eurofins Edison

Lab Chronicle

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Client Sample ID: SW-E-2

Date Collected: 06/16/25 14:05

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-6

Matrix: Solid

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 12:32

Client Sample ID: SW-N-1

Date Collected: 06/16/25 14:15

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 21:02

Client Sample ID: SW-N-1

Date Collected: 06/16/25 14:15

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-7

Matrix: Solid

Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 12:46

Client Sample ID: SW-N-2

Date Collected: 06/16/25 14:25

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044047	CJC	EET EDI	06/16/25 21:02

Client Sample ID: SW-N-2

Date Collected: 06/16/25 14:25

Date Received: 06/16/25 17:15

Lab Sample ID: 460-328559-8

Matrix: Solid

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044021	ARA	EET EDI	06/16/25 21:06
Total/NA	Analysis	NJDEP EPH		1	1044170	OXG	EET EDI	06/17/25 13:00

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3511	Solid	Polychlorinated biphenyls, Total
8082A	3546	Solid	Polychlorinated biphenyls, Total
8260D		Solid	m-Xylene & p-Xylene
8260D	5035	Solid	m-Xylene & p-Xylene
8270E SIM	3511	Solid	1,4-Dioxane
8270E SIM	3511	Solid	4,6-Dinitro-2-methylphenol
8270E SIM	3511	Solid	Benzo[a]anthracene
8270E SIM	3511	Solid	Benzo[a]pyrene
8270E SIM	3511	Solid	Benzo[b]fluoranthene
8270E SIM	3511	Solid	Benzo[g,h,i]perylene
8270E SIM	3511	Solid	Benzo[k]fluoranthene
8270E SIM	3511	Solid	Bis(2-chloroethyl)ether
8270E SIM	3511	Solid	Dibenz(a,h)anthracene
8270E SIM	3511	Solid	Hexachlorobenzene
8270E SIM	3511	Solid	Indeno[1,2,3-cd]pyrene
8270E SIM	3511	Solid	N-Nitrosodimethylamine
8270E SIM	3511	Solid	Pentachlorophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	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
Moisture	Percent Moisture	EPA	EET EDI
1312	SPLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3511	Microextraction of Organic Compounds	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
7470A	Preparation, Mercury	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Environmental Design Inc
Project/Site: Ramsey High

Job ID: 460-328559-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328559-1	SW-W-2	Solid	06/16/25 13:15	06/16/25 17:15
460-328559-2	SW-W-1	Solid	06/16/25 13:25	06/16/25 17:15
460-328559-3	SW-S-1	Solid	06/16/25 13:35	06/16/25 17:15
460-328559-4	SW-S-2	Solid	06/16/25 13:45	06/16/25 17:15
460-328559-5	SW-E-1	Solid	06/16/25 13:55	06/16/25 17:15
460-328559-6	SW-E-2	Solid	06/16/25 14:05	06/16/25 17:15
460-328559-7	SW-N-1	Solid	06/16/25 14:15	06/16/25 17:15
460-328559-8	SW-N-2	Solid	06/16/25 14:25	06/16/25 17:15

Address: Ramsey High

Chain of Custody Record

751318



Environment Testing

Client Contact				Regulatory Program				Site Contact				Date				COC No.			
Company Name: <u>EDI</u>				Project Manager: <u>Jim Graham</u>				Site Contact:				Date: <u>6/16/25</u>				COC No.:			
Address: <u>5734 Kings Ave</u>				Tel/Email: <u>Tg@editeesting.com</u>				Lab Contact:				Carrier:				Sampler:			
City/State/Zip: <u>Pemberton NJ/08109</u>				Analysis Turnaround Time				Perform MS / MSD (Y / N)				For Lab Use Only:				Walk-in Client:			
Phone: <u>856 857 5290</u>				TAT if different from Below				Filtered Sample (Y / N)				Lab Sampling				Job / SDG No.			
Fax:				2 weeks				8270E SIM-SVC				8270E SIM-SVC				8270E SIM-SVC			
Project Name: <u>Ramsey High</u>				1 week				8270E SPC-PCB				8270E SPC-PCB				8270E SPC-PCB			
Site:				2 days				8270E SPC-PCB				8270E SPC-PCB				8270E SPC-PCB			
PO #				1 day				8270E SPC-PCB				8270E SPC-PCB				8270E SPC-PCB			
Sample Identification				Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:	328559					Sample Specific Notes:				
Hot-1				6/16/25	1305	G	S	9	DX	8270E SPC-PCB					8270E SPC-PCB				
SW-W-2				6/16/25	1315	G	S	9		8270E SPC-PCB					8270E SPC-PCB				
SW-W-1				6/16/25	1325	G	S	9		8270E SPC-PCB					8270E SPC-PCB				
SW-S-1				6/16/25	1335	G	S	9		8270E SPC-PCB					8270E SPC-PCB				
SW-S-2				6/16/25	1345	G	S	9		8270E SPC-PCB					8270E SPC-PCB				
SW-E-1				6/16/25	1355	G	S	9		8270E SPC-PCB					8270E SPC-PCB				
SW-E-2				6/16/25	1405	G	S	9		8270E SPC-PCB					8270E SPC-PCB				
SW-N-1				6/16/25	1415	G	S	9		8270E SPC-PCB					8270E SPC-PCB				
SW-N-2				6/16/25	1425	G	S	9		8270E SPC-PCB					8270E SPC-PCB				

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Special Instructions/QC Requirements & Comments: All EPH 24 hr TAT - all other 5 day TAT

Custody Seals Intact: ☐ Yes ☐ No

Relinquished by: DuAnne Isom Date/Time: June 16

Relinquished by: EDI Date/Time: June 16

Relinquished by: EDI Date/Time: June 16

Relinquished by: EDI Date/Time: June 16

Barcode: 460-328559 Chain of Custody

1-Day RUSH

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client ☐ Disposal by Lab ☐ Archive for ☐ Months

Cooler Temp (°C): Obs'd: 5 Cor'd: 5

Therm ID No.: 6162515

IR 012-16 14-18

328559

Number of Coolers:

IR Gun #



Cooler Temperatures

	RAW	CONNECTED	RAW	CONNECTED	RAW	CONNECTED
Cooler #1:	1.2	1.6	Cooler #4:	0	Cooler #7:	0
Cooler #2:	1.4	1.8	Cooler #5:	0	Cooler #8:	0
Cooler #3:	0	0	Cooler #6:	0	Cooler #9:	0

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.

Volume of Preservative used (ml)

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1
10/22/2019

Initials:

520

Date:

Login Sample Receipt Checklist

Client: Environmental Design Inc

Job Number: 460-328559-1

Login Number: 328559

List Source: Eurofins Edison

List Number: 1

Creator: Nelson, Rose E

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	