



ANALYTICAL REPORT

Lab Number:	L2533225
Client:	Phoenix Environmental 3525 Quakerbridge Road Suite 907 Hamilton, NJ 08619
ATTN:	James Barish
Phone:	(609) 584-9001
Project Name:	RAMSEY SD
Project Number:	RAMSEY SD
Report Date:	06/04/25

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2533225-01	WC-1A	SOIL	RAMSEY, NJ	05/28/25 14:00	05/28/25
L2533225-02	WC-1B	SOIL	RAMSEY, NJ	05/28/25 14:00	05/28/25
L2533225-03	WC-1C	SOIL	RAMSEY, NJ	05/28/25 14:00	05/28/25
L2533225-04	WC-1D	SOIL	RAMSEY, NJ	05/28/25 14:00	05/28/25
L2533225-05	WC-1E	SOIL	RAMSEY, NJ	05/28/25 14:00	05/28/25
L2533225-06	WC-1F	SOIL	RAMSEY, NJ	05/28/25 14:00	05/28/25
L2533225-07	WC-1G	SOIL	RAMSEY, NJ	05/28/25 14:00	05/28/25

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
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**NJ DEP Data of Known Quality Protocols
 Conformance/Non-Conformance
 Summary Questionnaire**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature ($4 \pm 2^{\circ} \text{C}$)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	YES

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".



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Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Volatile Organics

L2533225-01: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

In reference to question 5b:

L2533225-01 (High) and -01 (Low): One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

WG2074917-3/-4 and WG2074920-3/-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Semivolatile Organics

WG2072009: An MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

In reference to question 4:

WG2072009-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Total Metals

L2533225-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to

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Case Narrative (continued)

the dilution required by the sample matrix.

Non-DKQP Related Narratives

Diesel Range Organics

WG2072785-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Caitlin Walukevich

Title: Technical Director/Representative

Date: 06/04/25

QC OUTLIER SUMMARY REPORT

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics by EPA 5035 High - Westborough Lab								
8260D	Batch QC	WG2074920-3	Chloromethane	LCS	161	40-160	01	potential high bias
8260D	Batch QC	WG2074920-3	Methyl Acetate	LCS	140	70-130	01	potential high bias
8260D	Batch QC	WG2074920-4	Methyl Acetate	LCSD	141	70-130	01	potential high bias
Volatile Organics by EPA 5035 Low - Westborough Lab								
8260D	Batch QC	WG2074917-3	Chloromethane	LCS	161	40-160	01	potential high bias
8260D	Batch QC	WG2074917-3	Methyl Acetate	LCS	140	70-130	01	potential high bias
8260D	Batch QC	WG2074917-4	Methyl Acetate	LCSD	141	70-130	01	potential high bias
Semivolatile Organics by GC/MS - Westborough Lab								
8270E	Batch QC	WG2072009-2	3,3'-Dichlorobenzidine	LCS	67	70-130	01	potential low bias
8270E	Batch QC	WG2072009-2	3-Nitroaniline	LCS	62	70-130	01	potential low bias
8270E	Batch QC	WG2072009-3	3-Nitroaniline	LCSD	62	70-130	01	potential low bias
Diesel Range Organics - Westborough Lab								
8015D(M)	Batch QC (L2533225-02)	WG2072785-4	DRO (C10-C28)	MS	41	60-140	01-07	potential low bias

ORGANICS

VOLATILES

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/04/25 10:38

Analyst: AJK

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0032	0.0010	1
1,4-Dioxane	ND		mg/kg	0.084	0.037	1
1,2-Dibromoethane	ND		mg/kg	0.0010	0.00029	1
Methylene chloride	ND		mg/kg	0.0053	0.0024	1
1,1-Dichloroethane	ND		mg/kg	0.0010	0.00015	1
Chloroform	ND		mg/kg	0.0016	0.00015	1
Carbon tetrachloride	ND		mg/kg	0.0010	0.00024	1
1,2-Dichloropropane	ND		mg/kg	0.0010	0.00013	1
Dibromochloromethane	ND		mg/kg	0.0010	0.00015	1
1,1,2-Trichloroethane	ND		mg/kg	0.0010	0.00028	1
Tetrachloroethene	ND		mg/kg	0.00053	0.00021	1
Chlorobenzene	ND		mg/kg	0.00053	0.00013	1
Trichlorofluoromethane	ND		mg/kg	0.0042	0.00073	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
1,1,1-Trichloroethane	ND		mg/kg	0.00053	0.00018	1
Bromodichloromethane	ND		mg/kg	0.00053	0.00012	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00029	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00053	0.00017	1
1,3-Dichloropropene, Total	ND		mg/kg	0.00053	0.00017	1
Bromoform	ND		mg/kg	0.0042	0.00026	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00053	0.00018	1
Benzene	0.00028	J	mg/kg	0.00053	0.00018	1
Toluene	0.00084	J	mg/kg	0.0010	0.00057	1
Ethylbenzene	0.30		mg/kg	0.0010	0.00015	1
Chloromethane	ND		mg/kg	0.0042	0.00098	1
Bromomethane	ND		mg/kg	0.0021	0.00061	1
Vinyl chloride	ND		mg/kg	0.0010	0.00035	1
Chloroethane	ND		mg/kg	0.0021	0.00048	1

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Lab Number: L2533225

Project Number: RAMSEY SD

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SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00025	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0016	0.00014	1
Trichloroethene	ND		mg/kg	0.00053	0.00014	1
1,2-Dichlorobenzene	0.00019	J	mg/kg	0.0021	0.00015	1
1,3-Dichlorobenzene	ND		mg/kg	0.0021	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0021	0.00018	1
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
p/m-Xylene	1.3	E	mg/kg	0.0021	0.00059	1
o-Xylene	0.050		mg/kg	0.0010	0.00031	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00018	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0010	0.00014	1
Styrene	ND		mg/kg	0.0010	0.00021	1
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00097	1
Acetone	0.034		mg/kg	0.026	0.010	1
Carbon disulfide	ND		mg/kg	0.010	0.0048	1
2-Butanone	ND		mg/kg	0.010	0.0023	1
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.0014	1
2-Hexanone	ND		mg/kg	0.010	0.0012	1
Bromochloromethane	ND		mg/kg	0.0021	0.00022	1
Isopropylbenzene	0.12		mg/kg	0.0010	0.00012	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0021	0.00034	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0021	0.00029	1
Methyl Acetate	ND		mg/kg	0.0042	0.0010	1
Cyclohexane	0.0062	J	mg/kg	0.010	0.00057	1
Methyl cyclohexane	0.15		mg/kg	0.0042	0.00064	1
Freon-113	ND		mg/kg	0.0042	0.00073	1

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Lab Number: L2533225

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SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	0.464	J	mg/kg			1
Heptane, 3-methyl-	0.033	NJ	mg/kg			1
Hexane, 3-methyl-	0.023	NJ	mg/kg			1
Unknown Benzene	0.029	J	mg/kg			1
Benzene, Propyl-	0.017	NJ	mg/kg			1
Unknown Alkane	0.017	J	mg/kg			1
Unknown Benzene	0.019	J	mg/kg			1
Unknown Benzene	0.026	J	mg/kg			1
Unknown Benzene	0.034	J	mg/kg			1
Benzene, 1-methyl-3-propyl-	0.043	NJ	mg/kg			1
Unknown Benzene	0.072	J	mg/kg			1
Unknown Benzene	0.023	J	mg/kg			1
Heptane	0.020	NJ	mg/kg			1
Benzene, 1-ethyl-2-methyl-	0.068	NJ	mg/kg			1
Unknown Benzene	0.021	J	mg/kg			1
Unknown Aromatic	0.022	J	mg/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	128		70-130
Dibromofluoromethane	90		70-130

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/04/25 10:59

Analyst: AJK

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.17	0.056	1
1,4-Dioxane	ND		mg/kg	4.5	2.0	1
1,2-Dibromoethane	ND		mg/kg	0.056	0.016	1
Methylene chloride	ND		mg/kg	0.28	0.13	1
1,1-Dichloroethane	ND		mg/kg	0.056	0.0082	1
Chloroform	ND		mg/kg	0.085	0.0079	1
Carbon tetrachloride	ND		mg/kg	0.056	0.013	1
1,2-Dichloropropane	ND		mg/kg	0.056	0.0071	1
Dibromochloromethane	ND		mg/kg	0.056	0.0079	1
1,1,2-Trichloroethane	ND		mg/kg	0.056	0.015	1
Tetrachloroethene	ND		mg/kg	0.028	0.011	1
Chlorobenzene	ND		mg/kg	0.028	0.0072	1
Trichlorofluoromethane	ND		mg/kg	0.22	0.039	1
1,2-Dichloroethane	ND		mg/kg	0.056	0.014	1
1,1,1-Trichloroethane	ND		mg/kg	0.028	0.0094	1
Bromodichloromethane	ND		mg/kg	0.028	0.0062	1
trans-1,3-Dichloropropene	ND		mg/kg	0.056	0.015	1
cis-1,3-Dichloropropene	ND		mg/kg	0.028	0.0089	1
1,3-Dichloropropene, Total	ND		mg/kg	0.028	0.0089	1
Bromoform	ND		mg/kg	0.22	0.014	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.028	0.0094	1
Benzene	ND		mg/kg	0.028	0.0094	1
Toluene	ND		mg/kg	0.056	0.031	1
Ethylbenzene	0.37		mg/kg	0.056	0.0080	1
Chloromethane	ND		mg/kg	0.22	0.053	1
Bromomethane	ND		mg/kg	0.11	0.033	1
Vinyl chloride	ND		mg/kg	0.056	0.019	1
Chloroethane	ND		mg/kg	0.11	0.026	1

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SAMPLE RESULTS

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Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,1-Dichloroethene	ND		mg/kg	0.056	0.013	1
trans-1,2-Dichloroethene	ND		mg/kg	0.085	0.0077	1
Trichloroethene	ND		mg/kg	0.028	0.0077	1
1,2-Dichlorobenzene	ND		mg/kg	0.11	0.0081	1
1,3-Dichlorobenzene	ND		mg/kg	0.11	0.0084	1
1,4-Dichlorobenzene	ND		mg/kg	0.11	0.0096	1
Methyl tert butyl ether	ND		mg/kg	0.11	0.011	1
p/m-Xylene	1.7		mg/kg	0.11	0.032	1
o-Xylene	0.092		mg/kg	0.056	0.016	1
Xylenes, Total	1.8		mg/kg	0.056	0.016	1
cis-1,2-Dichloroethene	ND		mg/kg	0.056	0.0099	1
1,2-Dichloroethene, Total	ND		mg/kg	0.056	0.0077	1
Styrene	ND		mg/kg	0.056	0.011	1
Dichlorodifluoromethane	ND		mg/kg	0.56	0.052	1
Acetone	ND		mg/kg	0.56	0.27	1
Carbon disulfide	ND		mg/kg	0.56	0.26	1
2-Butanone	ND		mg/kg	0.56	0.12	1
4-Methyl-2-pentanone	ND		mg/kg	0.56	0.072	1
2-Hexanone	ND		mg/kg	0.56	0.067	1
Bromochloromethane	ND		mg/kg	0.11	0.012	1
Isopropylbenzene	0.15		mg/kg	0.056	0.0062	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.11	0.018	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.11	0.015	1
Methyl Acetate	0.16	J	mg/kg	0.22	0.054	1
Cyclohexane	ND		mg/kg	0.56	0.031	1
Methyl cyclohexane	0.27		mg/kg	0.22	0.034	1
Freon-113	ND		mg/kg	0.22	0.039	1

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Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	36.8	J	mg/kg			1
Unknown Benzene	4.50	J	mg/kg			1
Unknown Benzene	2.11	J	mg/kg			1
3-Phenylbut-1-ene	2.13	NJ	mg/kg			1
Unknown Benzene	1.93	J	mg/kg			1
Unknown Benzene	2.02	J	mg/kg			1
Unknown	1.99	J	mg/kg			1
Heptane, 3-methyl-	1.79	NJ	mg/kg			1
Unknown Benzene	5.49	J	mg/kg			1
Unknown Aromatic	1.35	J	mg/kg			1
Unknown	2.83	J	mg/kg			1
Unknown Benzene	1.44	J	mg/kg			1
Unknown Benzene	1.95	J	mg/kg			1
Unknown Benzene	3.91	J	mg/kg			1
Unknown Alkane	1.56	J	mg/kg			1
Unknown Benzene	1.77	J	mg/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: RAMSEY SD
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Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/04/25 08:34
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2074917-5					
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0030	0.0010
1,4-Dioxane	ND		mg/kg	0.080	0.035
1,2-Dibromoethane	ND		mg/kg	0.0010	0.00028
Methylene chloride	ND		mg/kg	0.0050	0.0023
1,1-Dichloroethane	ND		mg/kg	0.0010	0.00014
Chloroform	0.00030	J	mg/kg	0.0015	0.00014
Carbon tetrachloride	ND		mg/kg	0.0010	0.00023
1,2-Dichloropropane	ND		mg/kg	0.0010	0.00012
Dibromochloromethane	ND		mg/kg	0.0010	0.00014
1,1,2-Trichloroethane	ND		mg/kg	0.0010	0.00027
Tetrachloroethene	ND		mg/kg	0.00050	0.00020
Chlorobenzene	ND		mg/kg	0.00050	0.00013
Trichlorofluoromethane	ND		mg/kg	0.0040	0.00070
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
1,1,1-Trichloroethane	ND		mg/kg	0.00050	0.00017
Bromodichloromethane	ND		mg/kg	0.00050	0.00011
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00027
cis-1,3-Dichloropropene	ND		mg/kg	0.00050	0.00016
1,3-Dichloropropene, Total	ND		mg/kg	0.00050	0.00016
Bromoform	ND		mg/kg	0.0040	0.00025
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00050	0.00017
Benzene	ND		mg/kg	0.00050	0.00017
Toluene	ND		mg/kg	0.0010	0.00054
Ethylbenzene	ND		mg/kg	0.0010	0.00014
Chloromethane	ND		mg/kg	0.0040	0.00093
Bromomethane	ND		mg/kg	0.0020	0.00058
Vinyl chloride	ND		mg/kg	0.0010	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00045
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00024



Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/04/25 08:34
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2074917-5					
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00014
Trichloroethene	ND		mg/kg	0.00050	0.00014
1,2-Dichlorobenzene	ND		mg/kg	0.0020	0.00014
1,3-Dichlorobenzene	ND		mg/kg	0.0020	0.00015
1,4-Dichlorobenzene	ND		mg/kg	0.0020	0.00017
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00018
1,2-Dichloroethene, Total	ND		mg/kg	0.0010	0.00014
Styrene	ND		mg/kg	0.0010	0.00020
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00092
Acetone	ND		mg/kg	0.025	0.010
Carbon disulfide	ND		mg/kg	0.010	0.0046
2-Butanone	ND		mg/kg	0.010	0.0022
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.0013
2-Hexanone	ND		mg/kg	0.010	0.0012
Bromochloromethane	ND		mg/kg	0.0020	0.00020
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,2,3-Trichlorobenzene	ND		mg/kg	0.0020	0.00032
1,2,4-Trichlorobenzene	ND		mg/kg	0.0020	0.00027
Methyl Acetate	ND		mg/kg	0.0040	0.00095
Cyclohexane	ND		mg/kg	0.010	0.00054
Methyl cyclohexane	ND		mg/kg	0.0040	0.00060
Freon-113	ND		mg/kg	0.0040	0.00069

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/04/25 08:34
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2074917-5					

Tentatively Identified Compounds

Total TIC Compounds	0.003	J	mg/kg	
Unknown	0.003	J	mg/kg	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	118		70-130

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/04/25 08:34
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG2074920-5					
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.15	0.050
1,4-Dioxane	ND		mg/kg	4.0	1.8
1,2-Dibromoethane	ND		mg/kg	0.050	0.014
Methylene chloride	ND		mg/kg	0.25	0.11
1,1-Dichloroethane	ND		mg/kg	0.050	0.0072
Chloroform	0.015	J	mg/kg	0.075	0.0070
Carbon tetrachloride	ND		mg/kg	0.050	0.012
1,2-Dichloropropane	ND		mg/kg	0.050	0.0062
Dibromochloromethane	ND		mg/kg	0.050	0.0070
1,1,2-Trichloroethane	ND		mg/kg	0.050	0.013
Tetrachloroethene	ND		mg/kg	0.025	0.0098
Chlorobenzene	ND		mg/kg	0.025	0.0064
Trichlorofluoromethane	ND		mg/kg	0.20	0.035
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
1,1,1-Trichloroethane	ND		mg/kg	0.025	0.0084
Bromodichloromethane	ND		mg/kg	0.025	0.0054
trans-1,3-Dichloropropene	ND		mg/kg	0.050	0.014
cis-1,3-Dichloropropene	ND		mg/kg	0.025	0.0079
1,3-Dichloropropene, Total	ND		mg/kg	0.025	0.0079
Bromoform	ND		mg/kg	0.20	0.012
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.025	0.0083
Benzene	ND		mg/kg	0.025	0.0083
Toluene	ND		mg/kg	0.050	0.027
Ethylbenzene	ND		mg/kg	0.050	0.0070
Chloromethane	ND		mg/kg	0.20	0.047
Bromomethane	ND		mg/kg	0.10	0.029
Vinyl chloride	ND		mg/kg	0.050	0.017
Chloroethane	ND		mg/kg	0.10	0.023
1,1-Dichloroethene	ND		mg/kg	0.050	0.012



Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/04/25 08:34
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG2074920-5					
trans-1,2-Dichloroethene	ND		mg/kg	0.075	0.0068
Trichloroethene	ND		mg/kg	0.025	0.0068
1,2-Dichlorobenzene	ND		mg/kg	0.10	0.0072
1,3-Dichlorobenzene	ND		mg/kg	0.10	0.0074
1,4-Dichlorobenzene	ND		mg/kg	0.10	0.0086
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
cis-1,2-Dichloroethene	ND		mg/kg	0.050	0.0088
1,2-Dichloroethene, Total	ND		mg/kg	0.050	0.0068
Styrene	ND		mg/kg	0.050	0.0098
Dichlorodifluoromethane	ND		mg/kg	0.50	0.046
Acetone	ND		mg/kg	0.50	0.24
Carbon disulfide	ND		mg/kg	0.50	0.23
2-Butanone	ND		mg/kg	0.50	0.11
4-Methyl-2-pentanone	ND		mg/kg	0.50	0.064
2-Hexanone	ND		mg/kg	0.50	0.059
Bromochloromethane	ND		mg/kg	0.10	0.010
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,2,3-Trichlorobenzene	ND		mg/kg	0.10	0.016
1,2,4-Trichlorobenzene	ND		mg/kg	0.10	0.014
Methyl Acetate	ND		mg/kg	0.20	0.048
Cyclohexane	ND		mg/kg	0.50	0.027
Methyl cyclohexane	ND		mg/kg	0.20	0.030
Freon-113	ND		mg/kg	0.20	0.035

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/04/25 08:34
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG2074920-5					

Tentatively Identified Compounds

Total TIC Compounds	0.162	J	mg/kg	
Unknown	0.162	J	mg/kg	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	118		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2074917-3 WG2074917-4								
1,2-Dibromo-3-chloropropane	76		83		40-160	9		30
1,4-Dioxane	66		68		40-160	3		30
1,2-Dibromoethane	94		91		70-130	3		30
Methylene chloride	94		87		70-130	8		30
1,1-Dichloroethane	104		97		70-130	7		30
Chloroform	97		89		70-130	9		30
Carbon tetrachloride	108		100		70-130	8		30
1,2-Dichloropropane	109		103		70-130	6		30
Dibromochloromethane	96		90		70-130	6		30
1,1,2-Trichloroethane	92		88		70-130	4		30
Tetrachloroethene	117		107		70-130	9		30
Chlorobenzene	99		92		70-130	7		30
Trichlorofluoromethane	113		103		40-160	9		30
1,2-Dichloroethane	112		107		70-130	5		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	93		87		70-130	7		30
trans-1,3-Dichloropropene	88		84		70-130	5		30
cis-1,3-Dichloropropene	93		88		40-160	6		30
Bromoform	90		89		40-160	1		30
1,1,2,2-Tetrachloroethane	77		80		40-160	4		30
Benzene	103		97		70-130	6		30
Toluene	94		87		70-130	8		30
Ethylbenzene	93		87		70-130	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2074917-3 WG2074917-4								
Chloromethane	161	Q	147		40-160	9		30
Bromomethane	108		94		40-160	14		30
Vinyl chloride	124		110		70-130	12		30
Chloroethane	103		92		40-160	11		30
1,1-Dichloroethene	101		89		70-130	13		30
trans-1,2-Dichloroethene	102		94		70-130	8		30
Trichloroethene	108		99		70-130	9		30
1,2-Dichlorobenzene	95		92		70-130	3		30
1,3-Dichlorobenzene	101		96		70-130	5		30
1,4-Dichlorobenzene	97		92		70-130	5		30
Methyl tert butyl ether	88		86		70-130	2		30
p/m-Xylene	100		93		70-130	7		30
o-Xylene	95		88		70-130	8		30
cis-1,2-Dichloroethene	87		82		70-130	6		30
Styrene	95		90		40-160	5		30
Dichlorodifluoromethane	99		89		40-160	11		30
Acetone	151		150		40-160	1		30
Carbon disulfide	100		91		40-160	9		30
2-Butanone	119		133		40-160	11		30
4-Methyl-2-pentanone	79		84		40-160	6		30
2-Hexanone	79		86		40-160	8		30
Bromochloromethane	94		86		70-130	9		30
Isopropylbenzene	92		86		70-130	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2074917-3 WG2074917-4								
1,2,3-Trichlorobenzene	94		95		70-130	1		30
1,2,4-Trichlorobenzene	96		94		70-130	2		30
Methyl Acetate	140	Q	141	Q	70-130	1		30
Cyclohexane	114		115		70-130	1		30
Methyl cyclohexane	93		87		70-130	7		30
Freon-113	107		98		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		112		70-130
Toluene-d8	96		94		70-130
4-Bromofluorobenzene	84		87		70-130
Dibromofluoromethane	108		108		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG2074920-3 WG2074920-4								
1,2-Dibromo-3-chloropropane	76		83		40-160	9		30
1,4-Dioxane	66		68		40-160	3		30
1,2-Dibromoethane	94		91		70-130	3		30
Methylene chloride	94		87		70-130	8		30
1,1-Dichloroethane	104		97		70-130	7		30
Chloroform	97		89		70-130	9		30
Carbon tetrachloride	108		100		70-130	8		30
1,2-Dichloropropane	109		103		70-130	6		30
Dibromochloromethane	96		90		70-130	6		30
1,1,2-Trichloroethane	92		88		70-130	4		30
Tetrachloroethene	117		107		70-130	9		30
Chlorobenzene	99		92		70-130	7		30
Trichlorofluoromethane	113		103		40-160	9		30
1,2-Dichloroethane	112		107		70-130	5		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	93		87		70-130	7		30
trans-1,3-Dichloropropene	88		84		70-130	5		30
cis-1,3-Dichloropropene	93		88		40-160	6		30
Bromoform	90		89		40-160	1		30
1,1,2,2-Tetrachloroethane	77		80		40-160	4		30
Benzene	103		97		70-130	6		30
Toluene	94		87		70-130	8		30
Ethylbenzene	93		87		70-130	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG2074920-3 WG2074920-4								
Chloromethane	161	Q	147		40-160	9		30
Bromomethane	108		94		40-160	14		30
Vinyl chloride	124		110		70-130	12		30
Chloroethane	103		92		40-160	11		30
1,1-Dichloroethene	101		89		70-130	13		30
trans-1,2-Dichloroethene	102		94		70-130	8		30
Trichloroethene	108		99		70-130	9		30
1,2-Dichlorobenzene	95		92		70-130	3		30
1,3-Dichlorobenzene	101		96		70-130	5		30
1,4-Dichlorobenzene	97		92		70-130	5		30
Methyl tert butyl ether	88		86		70-130	2		30
p/m-Xylene	100		93		70-130	7		30
o-Xylene	95		88		70-130	8		30
cis-1,2-Dichloroethene	87		82		70-130	6		30
Styrene	95		90		40-160	5		30
Dichlorodifluoromethane	99		89		40-160	11		30
Acetone	151		150		40-160	1		30
Carbon disulfide	100		91		40-160	9		30
2-Butanone	119		133		40-160	11		30
4-Methyl-2-pentanone	79		84		40-160	6		30
2-Hexanone	79		86		40-160	8		30
Bromochloromethane	94		86		70-130	9		30
Isopropylbenzene	92		86		70-130	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG2074920-3 WG2074920-4								
1,2,3-Trichlorobenzene	94		95		70-130	1		30
1,2,4-Trichlorobenzene	96		94		70-130	2		30
Methyl Acetate	140	Q	141	Q	70-130	1		30
Cyclohexane	114		115		70-130	1		30
Methyl cyclohexane	93		87		70-130	7		30
Freon-113	107		98		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		112		70-130
Toluene-d8	96		94		70-130
4-Bromofluorobenzene	85		87		70-130
Dibromofluoromethane	108		108		70-130

SEMIVOLATILES

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 05/29/25 09:26

Analytical Date: 05/30/25 16:16

Analyst: JG

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		mg/kg	0.15	0.016	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.018	1
Hexachlorobenzene	ND		mg/kg	0.054	0.018	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.068	0.023	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.14	0.048	1
2,4-Dinitrotoluene	ND		mg/kg	0.094	0.031	1
2,6-Dinitrotoluene	ND		mg/kg	0.075	0.025	1
Fluoranthene	ND		mg/kg	0.11	0.022	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.19	0.016	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.23	0.022	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.20	0.018	1
Hexachlorobutadiene	ND		mg/kg	0.070	0.024	1
Hexachlorocyclopentadiene	ND		mg/kg	0.54	0.12	1
Hexachloroethane	ND		mg/kg	0.092	0.031	1
Isophorone	ND		mg/kg	0.064	0.021	1
Naphthalene	ND		mg/kg	0.19	0.023	1
Nitrobenzene	ND		mg/kg	0.084	0.028	1
NDPA/DPA	ND		mg/kg	0.046	0.015	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.048	0.016	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.19	0.020	1
Butyl benzyl phthalate	ND		mg/kg	0.19	0.025	1
Di-n-butylphthalate	ND		mg/kg	0.19	0.017	1
Di-n-octylphthalate	ND		mg/kg	0.19	0.059	1
Diethyl phthalate	ND		mg/kg	0.19	0.017	1
Dimethyl phthalate	ND		mg/kg	0.19	0.018	1
Benzo(a)anthracene	ND		mg/kg	0.064	0.021	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.046	1
Benzo(b)fluoranthene	ND		mg/kg	0.048	0.016	1

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(k)fluoranthene	ND		mg/kg	0.040	0.013	1
Chrysene	ND		mg/kg	0.11	0.019	1
Acenaphthylene	ND		mg/kg	0.15	0.021	1
Anthracene	ND		mg/kg	0.11	0.017	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.022	1
Fluorene	ND		mg/kg	0.19	0.018	1
Phenanthrene	ND		mg/kg	0.11	0.014	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.066	0.022	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.080	0.026	1
Pyrene	ND		mg/kg	0.11	0.016	1
4-Chloroaniline	ND		mg/kg	0.19	0.022	1
2-Nitroaniline	ND		mg/kg	0.19	0.035	1
3-Nitroaniline	ND		mg/kg	0.19	0.036	1
4-Nitroaniline	ND		mg/kg	0.19	0.078	1
Dibenzofuran	ND		mg/kg	0.19	0.017	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.020	1
2,4,6-Trichlorophenol	ND		mg/kg	0.11	0.036	1
p-Chloro-m-cresol	ND		mg/kg	0.19	0.028	1
2-Chlorophenol	ND		mg/kg	0.062	0.021	1
2,4-Dichlorophenol	ND		mg/kg	0.091	0.030	1
2,4-Dimethylphenol	ND		mg/kg	0.18	0.060	1
2-Nitrophenol	ND		mg/kg	0.41	0.031	1
2,4-Dinitrophenol	ND		mg/kg	0.27	0.088	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.27	0.091	1
Pentachlorophenol	ND		mg/kg	0.12	0.042	1
Phenol	ND		mg/kg	0.19	0.022	1
2-Methylphenol	ND		mg/kg	0.19	0.029	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.27	0.027	1
2,4,5-Trichlorophenol	ND		mg/kg	0.19	0.036	1
Carbazole	ND		mg/kg	0.19	0.012	1
4-Nitrophenol	ND		mg/kg	0.26	0.053	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.19	0.021	1
Benzaldehyde	ND		mg/kg	0.25	0.029	1
Caprolactam	ND		mg/kg	0.19	0.040	1
Acetophenone	ND		mg/kg	0.19	0.020	1
Biphenyl	ND		mg/kg	0.43	0.025	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.19	0.020	1

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01
Client ID: WC-1A
Sample Location: RAMSEY, NJ

Date Collected: 05/28/25 14:00
Date Received: 05/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Atrazine	ND		mg/kg	0.15	0.066	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.19	0.038	1
1,4-Dioxane	ND		mg/kg	0.028	0.0086	1

Tentatively Identified Compounds

Total TIC Compounds	1.22	J	mg/kg			1
Unknown	0.187	J	mg/kg			1
Unknown	0.522	J	mg/kg			1
Unknown Phenol	0.340	J	mg/kg			1
Unknown Organic Acid	0.173	J	mg/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		30-130
Phenol-d6	76		30-130
Nitrobenzene-d5	67		30-130
2-Fluorobiphenyl	54		30-130
2,4,6-Tribromophenol	67		30-130
4-Terphenyl-d14	56		30-130

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/25 04:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/28/25 10:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2072009-1					
Acenaphthene	ND		mg/kg	0.13	0.014
2-Chloronaphthalene	ND		mg/kg	0.16	0.015
Hexachlorobenzene	ND		mg/kg	0.047	0.015
Bis(2-chloroethyl)ether	ND		mg/kg	0.058	0.019
3,3'-Dichlorobenzidine	ND		mg/kg	0.12	0.041
2,4-Dinitrotoluene	ND		mg/kg	0.081	0.027
2,6-Dinitrotoluene	ND		mg/kg	0.064	0.021
Fluoranthene	ND		mg/kg	0.097	0.018
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.014
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.19	0.019
Bis(2-chloroethoxy)methane	ND		mg/kg	0.17	0.015
Hexachlorobutadiene	ND		mg/kg	0.060	0.020
Hexachlorocyclopentadiene	ND		mg/kg	0.46	0.10
Hexachloroethane	ND		mg/kg	0.079	0.026
Isophorone	ND		mg/kg	0.054	0.018
Naphthalene	ND		mg/kg	0.16	0.020
Nitrobenzene	ND		mg/kg	0.072	0.024
NDPA/DPA	ND		mg/kg	0.040	0.013
n-Nitrosodi-n-propylamine	ND		mg/kg	0.041	0.014
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.16	0.017
Butyl benzyl phthalate	ND		mg/kg	0.16	0.022
Di-n-butylphthalate	ND		mg/kg	0.16	0.014
Di-n-octylphthalate	ND		mg/kg	0.16	0.050
Diethyl phthalate	ND		mg/kg	0.16	0.015
Dimethyl phthalate	ND		mg/kg	0.16	0.016
Benzo(a)anthracene	ND		mg/kg	0.054	0.018
Benzo(a)pyrene	ND		mg/kg	0.12	0.040
Benzo(b)fluoranthene	ND		mg/kg	0.041	0.014
Benzo(k)fluoranthene	ND		mg/kg	0.034	0.011

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/25 04:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/28/25 10:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2072009-1					
Chrysene	ND		mg/kg	0.097	0.017
Acenaphthylene	ND		mg/kg	0.13	0.018
Anthracene	ND		mg/kg	0.097	0.014
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.097	0.012
Dibenzo(a,h)anthracene	ND		mg/kg	0.056	0.019
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.068	0.022
Pyrene	ND		mg/kg	0.097	0.014
4-Chloroaniline	ND		mg/kg	0.16	0.019
2-Nitroaniline	ND		mg/kg	0.16	0.030
3-Nitroaniline	ND		mg/kg	0.16	0.030
4-Nitroaniline	ND		mg/kg	0.16	0.067
Dibenzofuran	ND		mg/kg	0.16	0.014
2-Methylnaphthalene	ND		mg/kg	0.19	0.017
2,4,6-Trichlorophenol	ND		mg/kg	0.092	0.031
p-Chloro-m-cresol	ND		mg/kg	0.16	0.024
2-Chlorophenol	ND		mg/kg	0.053	0.018
2,4-Dichlorophenol	ND		mg/kg	0.078	0.026
2,4-Dimethylphenol	ND		mg/kg	0.15	0.052
2-Nitrophenol	ND		mg/kg	0.35	0.026
2,4-Dinitrophenol	ND		mg/kg	0.23	0.075
4,6-Dinitro-o-cresol	ND		mg/kg	0.23	0.078
Pentachlorophenol	ND		mg/kg	0.11	0.036
Phenol	ND		mg/kg	0.16	0.019
2-Methylphenol	ND		mg/kg	0.16	0.025
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.23	0.023
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.031
Carbazole	ND		mg/kg	0.16	0.010

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/25 04:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/28/25 10:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2072009-1					
4-Nitrophenol	ND		mg/kg	0.23	0.045
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.018
Benzaldehyde	ND		mg/kg	0.21	0.025
Caprolactam	ND		mg/kg	0.16	0.035
Acetophenone	ND		mg/kg	0.16	0.017
Biphenyl	ND		mg/kg	0.37	0.021
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.017
Atrazine	ND		mg/kg	0.13	0.057
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.033
1,4-Dioxane	ND		mg/kg	0.024	0.0074

Tentatively Identified Compounds

No Tentatively Identified Compounds ND mg/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		30-130
Phenol-d6	82		30-130
Nitrobenzene-d5	79		30-130
2-Fluorobiphenyl	80		30-130
2,4,6-Tribromophenol	91		30-130
4-Terphenyl-d14	86		30-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2072009-2 WG2072009-3								
Acenaphthene	78		78		70-130	0		30
2-Chloronaphthalene	79		76		70-130	4		30
Hexachlorobenzene	83		81		70-130	2		30
Bis(2-chloroethyl)ether	74		73		70-130	1		30
3,3'-Dichlorobenzidine	67	Q	70		70-130	4		30
2,4-Dinitrotoluene	87		85		70-130	2		30
2,6-Dinitrotoluene	90		87		70-130	3		30
Fluoranthene	79		79		70-130	0		30
4-Chlorophenyl phenyl ether	80		80		70-130	0		30
Bis(2-chloroisopropyl)ether	71		71		70-130	0		30
Bis(2-chloroethoxy)methane	76		74		70-130	3		30
Hexachlorobutadiene	74		75		70-130	1		30
Hexachlorocyclopentadiene	78		76		20-160	3		30
Hexachloroethane	74		74		20-160	0		30
Isophorone	75		72		70-130	4		30
Naphthalene	76		76		70-130	0		30
Nitrobenzene	76		74		70-130	3		30
NDPA/DPA	82		81		70-130	1		30
n-Nitrosodi-n-propylamine	77		75		70-130	3		30
Bis(2-ethylhexyl)phthalate	89		88		70-130	1		30
Butyl benzyl phthalate	82		83		70-130	1		30
Di-n-butylphthalate	85		85		70-130	0		30
Di-n-octylphthalate	87		88		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2072009-2 WG2072009-3								
Diethyl phthalate	82		81		70-130	1		30
Dimethyl phthalate	80		78		70-130	3		30
Benzo(a)anthracene	80		79		70-130	1		30
Benzo(a)pyrene	79		86		70-130	8		30
Benzo(b)fluoranthene	76		81		70-130	6		30
Benzo(k)fluoranthene	81		85		70-130	5		30
Chrysene	79		79		70-130	0		30
Acenaphthylene	80		78		70-130	3		30
Anthracene	80		79		70-130	1		30
Benzo(ghi)perylene	86		92		70-130	7		30
Fluorene	80		79		70-130	1		30
Phenanthrene	78		78		70-130	0		30
Dibenzo(a,h)anthracene	83		88		70-130	6		30
Indeno(1,2,3-cd)pyrene	83		88		70-130	6		30
Pyrene	77		77		70-130	0		30
4-Chloroaniline	56		52		20-160	7		30
2-Nitroaniline	89		87		70-130	2		30
3-Nitroaniline	62	Q	62	Q	70-130	0		30
4-Nitroaniline	87		84		70-130	4		30
Dibenzofuran	79		78		70-130	1		30
2-Methylnaphthalene	80		78		70-130	3		30
2,4,6-Trichlorophenol	83		82		70-130	1		30
p-Chloro-m-cresol	83		82		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2072009-2 WG2072009-3								
2-Chlorophenol	79		76		70-130	4		30
2,4-Dichlorophenol	82		79		70-130	4		30
2,4-Dimethylphenol	81		77		70-130	5		30
2-Nitrophenol	90		87		70-130	3		30
2,4-Dinitrophenol	86		84		20-160	2		30
4,6-Dinitro-o-cresol	86		83		70-130	4		30
Pentachlorophenol	92		90		20-160	2		30
Phenol	79		75		20-160	5		30
2-Methylphenol	80		77		70-130	4		30
3-Methylphenol/4-Methylphenol	81		77		20-160	5		30
2,4,5-Trichlorophenol	87		85		70-130	2		30
Carbazole	80		81		70-130	1		30
4-Nitrophenol	92		91		20-160	1		30
4-Bromophenyl phenyl ether	82		80		70-130	2		30
Benzaldehyde	65		64		20-160	2		30
Caprolactam	92		90		20-160	2		30
Acetophenone	80		77		70-130	4		30
Biphenyl	79		78		70-130	1		30
1,2,4,5-Tetrachlorobenzene	78		78		70-130	0		30
Atrazine	91		91		70-130	0		30
2,3,4,6-Tetrachlorophenol	87		86		70-130	1		30
1,4-Dioxane	62		64		20-160	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2072009-2 WG2072009-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		75		30-130
Phenol-d6	77		73		30-130
Nitrobenzene-d5	75		72		30-130
2-Fluorobiphenyl	76		74		30-130
2,4,6-Tribromophenol	91		88		30-130
4-Terphenyl-d14	74		73		30-130

PETROLEUM HYDROCARBONS

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01
 Client ID: WC-1A
 Sample Location: RAMSEY, NJ

Date Collected: 05/28/25 14:00
 Date Received: 05/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 05/30/25 14:53
 Analyst: SBR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 05/30/25 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	31.	J	mg/kg	38	2.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	69			40-140		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method:

Analytical Method: 1,8015D(M)

Analytical Date: 06/03/25 13:35

Analyst: BAD

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	44.		mg/kg	2.5	1.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	83			70-130		
4-Bromofluorobenzene	80			70-130		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-02

Date Collected: 05/28/25 14:00

Client ID: WC-1B

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015D(M)

Extraction Date: 05/29/25 18:06

Analytical Date: 05/30/25 11:31

Analyst: SBR

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	66.		mg/kg	40	2.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	68			40-140		

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-02
 Client ID: WC-1B
 Sample Location: RAMSEY, NJ

Date Collected: 05/28/25 14:00
 Date Received: 05/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 06/03/25 15:07
 Analyst: BAD
 Percent Solids: 81%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	7.7		mg/kg	3.6	2.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	94			70-130		
4-Bromofluorobenzene	89			70-130		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-03

Date Collected: 05/28/25 14:00

Client ID: WC-1C

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015D(M)

Extraction Date: 05/29/25 18:06

Analytical Date: 05/30/25 14:01

Analyst: SBR

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	84.		mg/kg	39	2.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	76			40-140		

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-03
 Client ID: WC-1C
 Sample Location: RAMSEY, NJ

Date Collected: 05/28/25 14:00
 Date Received: 05/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 06/03/25 15:38
 Analyst: BAD
 Percent Solids: 82%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	7.2		mg/kg	2.7	1.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	85			70-130		
4-Bromofluorobenzene	88			70-130		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-04

Date Collected: 05/28/25 14:00

Client ID: WC-1D

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015D(M)

Extraction Date: 05/29/25 18:06

Analytical Date: 05/30/25 13:36

Analyst: SBR

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	85.		mg/kg	40	2.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	68			40-140		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-04

Date Collected: 05/28/25 14:00

Client ID: WC-1D

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method:

Analytical Method: 1,8015D(M)

Analytical Date: 06/03/25 16:08

Analyst: BAD

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	6.0		mg/kg	3.4	2.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	91			70-130		
4-Bromofluorobenzene	89			70-130		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-05

Date Collected: 05/28/25 14:00

Client ID: WC-1E

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015D(M)

Extraction Date: 05/29/25 18:06

Analytical Date: 05/30/25 12:46

Analyst: SBR

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	36.	J	mg/kg	41	2.3	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	92			40-140		

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-05
 Client ID: WC-1E
 Sample Location: RAMSEY, NJ

Date Collected: 05/28/25 14:00
 Date Received: 05/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 06/03/25 16:39
 Analyst: BAD
 Percent Solids: 80%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	9.4		mg/kg	3.8	2.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	91			70-130		
4-Bromofluorobenzene	87			70-130		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-06

Date Collected: 05/28/25 14:00

Client ID: WC-1F

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015D(M)

Extraction Date: 05/29/25 18:06

Analytical Date: 05/30/25 13:11

Analyst: SBR

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	67.		mg/kg	38	2.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	84			40-140		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-06

Date Collected: 05/28/25 14:00

Client ID: WC-1F

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method:

Analytical Method: 1,8015D(M)

Analytical Date: 06/03/25 17:10

Analyst: BAD

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	6.1		mg/kg	2.9	1.7	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	92			70-130		
4-Bromofluorobenzene	92			70-130		

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-07
 Client ID: WC-1G
 Sample Location: RAMSEY, NJ

Date Collected: 05/28/25 14:00
 Date Received: 05/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 05/30/25 14:25
 Analyst: SBR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/29/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	92.		mg/kg	37	2.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	84			40-140		

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**SAMPLE RESULTS**

Lab ID: L2533225-07

Date Collected: 05/28/25 14:00

Client ID: WC-1G

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method:

Analytical Method: 1,8015D(M)

Analytical Date: 06/03/25 17:41

Analyst: BAD

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	24.		mg/kg	3.1	1.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	92			70-130		
4-Bromofluorobenzene	88			70-130		

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2533225

Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8015D(M)
 Analytical Date: 05/30/25 11:06
 Analyst: SBR

Extraction Method: EPA 3546
 Extraction Date: 05/29/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 01-07 Batch: WG2072785-1					
DRO (C10-C28)	ND		mg/kg	31	1.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	54		40-140

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 06/03/25 11:48
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-07 Batch: WG2074776-4					
Gasoline Range Organics	ND		mg/kg	2.5	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	92		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 01-07 Batch: WG2072785-2								
DRO (C10-C28)	81		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	75				40-140

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-07 Batch: WG2074776-2 WG2074776-3								
Gasoline Range Organics	89		86		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	92		95		70-130
4-Bromofluorobenzene	88		92		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Diesel Range Organics - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2072785-4 QC Sample: L2533225-02 Client ID: WC-1B												
DRO (C10-C28)	66	78.1	98	41	Q	-	-		60-140	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
o-Terphenyl	73				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2074776-6 QC Sample: L2533225-01 Client ID: WC-1A												
Gasoline Range Organics	44	19.7	61	86		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	86				70-130
4-Bromofluorobenzene	86				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2072785-5 QC Sample: L2533225-02 Client ID: WC-1B						
DRO (C10-C28)	66	72	mg/kg	9		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	68		81		40-140



Lab Duplicate Analysis

Batch Quality Control

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2533225

Report Date: 06/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2074776-5 QC Sample: L2533225-01 Client ID: WC-1A						
Gasoline Range Organics	44	45	mg/kg	3		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	83		91		70-130
4-Bromofluorobenzene	80		91		70-130

PCBS

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8082A

Extraction Date: 05/29/25 12:18

Analytical Date: 05/30/25 03:24

Cleanup Method: EPA 3665A

Analyst: EMR

Cleanup Date: 05/29/25

Percent Solids: 88%

Cleanup Method: EPA 3660B

Cleanup Date: 05/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0520	0.00462	1	A
Aroclor 1221	ND		mg/kg	0.0520	0.00521	1	A
Aroclor 1232	ND		mg/kg	0.0520	0.0110	1	A
Aroclor 1242	ND		mg/kg	0.0520	0.00701	1	A
Aroclor 1248	ND		mg/kg	0.0520	0.00780	1	A
Aroclor 1254	ND		mg/kg	0.0520	0.00569	1	A
Aroclor 1260	ND		mg/kg	0.0520	0.00961	1	A
Aroclor 1262	ND		mg/kg	0.0520	0.00660	1	A
Aroclor 1268	ND		mg/kg	0.0520	0.00539	1	A
PCBs, Total	ND		mg/kg	0.0520	0.00462	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/29/25 02:01
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 05/28/25 13:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/28/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/28/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG2072107-1						
Aroclor 1016	ND		mg/kg	0.0464	0.00412	A
Aroclor 1221	ND		mg/kg	0.0464	0.00465	A
Aroclor 1232	ND		mg/kg	0.0464	0.00984	A
Aroclor 1242	ND		mg/kg	0.0464	0.00626	A
Aroclor 1248	ND		mg/kg	0.0464	0.00696	A
Aroclor 1254	ND		mg/kg	0.0464	0.00508	A
Aroclor 1260	ND		mg/kg	0.0464	0.00858	A
Aroclor 1262	ND		mg/kg	0.0464	0.00590	A
Aroclor 1268	ND		mg/kg	0.0464	0.00481	A
PCBs, Total	ND		mg/kg	0.0464	0.00412	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG2072107-2 WG2072107-3									
Aroclor 1016	85		91		40-140	7		30	A
Aroclor 1260	79		87		40-140	10		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		64		30-150	A
Decachlorobiphenyl	89		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		65		30-150	B
Decachlorobiphenyl	85		92		30-150	B

METALS

Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/29/25 04:49

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/30/25 19:35	05/31/25 14:31	EPA 3015	1,6010D	JMF
Barium, TCLP	0.211	J	mg/l	0.500	0.0210	1	05/30/25 19:35	05/31/25 14:31	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/30/25 19:35	05/31/25 14:31	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/30/25 19:35	05/31/25 14:31	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/30/25 19:35	05/31/25 14:31	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/30/25 20:39	06/02/25 11:54	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/30/25 19:35	05/31/25 14:31	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/30/25 19:35	05/31/25 14:31	EPA 3015	1,6010D	JMF



Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.83		mg/kg	0.877	0.379	2	05/29/25 10:40	06/02/25 18:18	EPA 3050B	1,6010D	CEY
Barium, Total	22.2		mg/kg	0.877	0.093	2	05/29/25 10:40	06/02/25 18:18	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.877	0.048	2	05/29/25 10:40	06/02/25 18:18	EPA 3050B	1,6010D	CEY
Chromium, Total	8.39		mg/kg	0.877	0.744	2	05/29/25 10:40	06/02/25 18:18	EPA 3050B	1,6010D	CEY
Lead, Total	3.36	J	mg/kg	4.38	0.209	2	05/29/25 10:40	06/02/25 18:18	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.091	0.059	1	05/29/25 11:10	06/02/25 09:37	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.75	0.288	2	05/29/25 10:40	06/02/25 18:18	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.438	0.261	2	05/29/25 10:40	06/02/25 18:18	EPA 3050B	1,6010D	CEY



Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2072533-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	05/29/25 10:40	06/02/25 15:27	1,6010D	CEY
Barium, Total	ND		mg/kg	0.400	0.042	1	05/29/25 10:40	06/02/25 15:27	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.400	0.022	1	05/29/25 10:40	06/02/25 15:27	1,6010D	CEY
Chromium, Total	ND		mg/kg	0.400	0.339	1	05/29/25 10:40	06/02/25 15:27	1,6010D	CEY
Lead, Total	ND		mg/kg	2.00	0.095	1	05/29/25 10:40	06/02/25 15:27	1,6010D	CEY
Selenium, Total	ND		mg/kg	0.800	0.132	1	05/29/25 10:40	06/02/25 15:27	1,6010D	CEY
Silver, Total	ND		mg/kg	0.200	0.119	1	05/29/25 10:40	06/02/25 15:27	1,6010D	CEY

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2072545-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/29/25 11:10	06/02/25 07:49	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2073219-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/30/25 19:35	05/31/25 14:04	1,6010D	JMF
Barium, TCLP	ND		mg/l	0.500	0.0210	1	05/30/25 19:35	05/31/25 14:04	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/30/25 19:35	05/31/25 14:04	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/30/25 19:35	05/31/25 14:04	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/30/25 19:35	05/31/25 14:04	1,6010D	JMF
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/30/25 19:35	05/31/25 14:04	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/30/25 19:35	05/31/25 14:04	1,6010D	JMF



Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 05/29/25 04:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2073223-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/30/25 20:39	06/02/25 11:37	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 05/29/25 04:49



Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2533225

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2072533-2								
Arsenic, Total	92		-		80-120	-		
Barium, Total	92		-		80-120	-		
Cadmium, Total	93		-		80-120	-		
Chromium, Total	90		-		80-120	-		
Lead, Total	95		-		80-120	-		
Selenium, Total	93		-		80-120	-		
Silver, Total	96		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2072545-2								
Mercury, Total	95		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2073219-2								
Arsenic, TCLP	93		-		75-125	-		20
Barium, TCLP	96		-		75-125	-		20
Cadmium, TCLP	96		-		75-125	-		20
Chromium, TCLP	96		-		75-125	-		20
Lead, TCLP	96		-		75-125	-		20
Selenium, TCLP	93		-		75-125	-		20
Silver, TCLP	94		-		75-125	-		20

Lab Control Sample Analysis
Batch Quality Control**Project Name:** RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2073223-2					
Mercury, TCLP	110	-	80-120	-	

INORGANICS & MISCELLANEOUS

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2533225
Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01
Client ID: WC-1A
Sample Location: RAMSEY, NJ

Date Collected: 05/28/25 14:00
Date Received: 05/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/02/25 23:16	1,1030	TLH



Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

SAMPLE RESULTS

Lab ID: L2533225-01

Date Collected: 05/28/25 14:00

Client ID: WC-1A

Date Received: 05/28/25

Sample Location: RAMSEY, NJ

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	05/29/25 02:15	121,2540G	JMN
pH (H)	7.68		SU	-	NA	1	-	05/30/25 05:17	1,9045D	CAR
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/02/25 17:30	06/02/25 21:28	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/02/25 17:30	06/02/25 21:23	125,7.3	TLH
Paint Filter Liquid	Negative		-	0	NA	1	-	05/30/25 00:17	1,9095B	AAS



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25**SAMPLE RESULTS****Lab ID:** L2533225-02**Client ID:** WC-1B**Sample Location:** RAMSEY, NJ**Date Collected:** 05/28/25 14:00**Date Received:** 05/28/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	05/30/25 13:45	121,2540G	RJF



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25**SAMPLE RESULTS****Lab ID:** L2533225-03**Client ID:** WC-1C**Sample Location:** RAMSEY, NJ**Date Collected:** 05/28/25 14:00**Date Received:** 05/28/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	05/30/25 13:45	121,2540G	RJF



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25**SAMPLE RESULTS****Lab ID:** L2533225-04**Client ID:** WC-1D**Sample Location:** RAMSEY, NJ**Date Collected:** 05/28/25 14:00**Date Received:** 05/28/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	05/30/25 13:45	121,2540G	RJF



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25**SAMPLE RESULTS****Lab ID:** L2533225-05**Client ID:** WC-1E**Sample Location:** RAMSEY, NJ**Date Collected:** 05/28/25 14:00**Date Received:** 05/28/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	05/30/25 13:45	121,2540G	RJF



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25**SAMPLE RESULTS****Lab ID:** L2533225-06**Client ID:** WC-1F**Sample Location:** RAMSEY, NJ**Date Collected:** 05/28/25 14:00**Date Received:** 05/28/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	05/30/25 13:45	121,2540G	RJF



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2533225**Report Date:** 06/04/25**SAMPLE RESULTS****Lab ID:** L2533225-07**Client ID:** WC-1G**Sample Location:** RAMSEY, NJ**Date Collected:** 05/28/25 14:00**Date Received:** 05/28/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	05/30/25 14:48	121,2540G	RJF



Project Name: RAMSEY SD

Lab Number: L2533225

Project Number: RAMSEY SD

Report Date: 06/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2074047-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/02/25 17:30	06/02/25 21:19	125,7.3	TLH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2074049-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/02/25 17:30	06/02/25 21:25	125,7.3	TLH



Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2533225

Report Date: 06/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2072897-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2074047-2								
Sulfide, Reactive	84		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2074049-2								
Cyanide, Reactive	59		-		30-125	-		40

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533225-01A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NJ-8260HLW(14),NJ-8260H(14)
L2533225-01B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NJ-8260HLW(14),NJ-8260H(14)
L2533225-01C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NJ-8260HLW(14),NJ-8260H(14)
L2533225-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2533225-01E	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		IGNIT-1030(14),REACTS(14),NJ-8082(14),NJ-8270(14),PH-9045(1),PAINTF(),NJ-TPH-DRO(14),REACTCN(14)
L2533225-01F	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		IGNIT-1030(14),REACTS(14),NJ-8082(14),NJ-8270(14),PH-9045(1),PAINTF(),NJ-TPH-DRO(14),REACTCN(14)
L2533225-01G	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2533225-01H	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-01I	Glass 500ml/16oz unpreserved	A	NA		3.2	Y	Absent		IGNIT-1030(14),REACTS(14),NJ-8082(14),NJ-8270(14),PH-9045(1),PAINTF(),NJ-TPH-DRO(14),REACTCN(14)
L2533225-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.2	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2533225-01X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NJ-8260HLW(14),NJ-8260H(14),NJ-TPH-GRO(14)
L2533225-01X9	Tumble Vessel	A	NA		3.2	Y	Absent		-
L2533225-01Y	Vial Water preserved split	A	NA		3.2	Y	Absent	29-MAY-25 08:53	NJ-8260HLW(14),NJ-8260H(14)
L2533225-01Z	Vial Water preserved split	A	NA		3.2	Y	Absent	29-MAY-25 08:53	NJ-8260HLW(14),NJ-8260H(14)
L2533225-02A	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NJ-TPH-DRO(14)
L2533225-02B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533225-02X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-03A	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NJ-TPH-DRO(14)
L2533225-03B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-03X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-04A	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NJ-TPH-DRO(14)
L2533225-04B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-04X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-05A	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NJ-TPH-DRO(14)
L2533225-05B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-05X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-06A	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NJ-TPH-DRO(14)
L2533225-06B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-06X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-07A	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		TS(7),NJ-TPH-DRO(14)
L2533225-07B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)
L2533225-07X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NJ-TPH-GRO(14)

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: RAMSEY SD
Project Number: RAMSEY SD

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: RAMSEY SD**Lab Number:** L2533225**Project Number:** RAMSEY SD**Report Date:** 06/04/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 27

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Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Total Bottle