



ANALYTICAL REPORT

Lab Number:	L2546664
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:	08/01/25

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Eight Walkup Drive, Westborough, MA 01581-1019
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Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546664
Report Date: 08/01/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2546664-01	8PTCOMP-1	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:30	07/24/25
L2546664-02	GRAB-1	SOIL	RAMSEY HIGH SCHOOL	07/24/25 14:00	07/24/25
L2546664-03	8PTCOMP-2	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:40	07/24/25
L2546664-04	GRAB-2	SOIL	RAMSEY HIGH SCHOOL	07/24/25 14:10	07/24/25
L2546664-05	8PTCOMP-3	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:50	07/24/25
L2546664-06	GRAB-3	SOIL	RAMSEY HIGH SCHOOL	07/24/25 14:20	07/24/25

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546664
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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?	NO

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".



Project Name: RAMSEY SD
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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

In reference to question 5b:

L2546664-01, -02, -03, -04, -05, and -06: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

L2546664-04, -05, -06 and WG2097491-5: One or more surrogates failed to meet the DKQP recovery limits. Please refer to the sample results and/or QC section of the report for specific details.

WG2097491-3/-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

In reference to question 4:

WG2096094-2/-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

L2546664-01, -03 and -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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: 08/01/25

QC OUTLIER SUMMARY REPORT

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics by EPA 5035 Low - Westborough Lab								
8260D	GRAB-2	L2546664-04	4-Bromofluorobenzene	Surrogate	145	70-130	-	potential high bias
8260D	8PTCOMP-3	L2546664-05	4-Bromofluorobenzene	Surrogate	137	70-130	-	potential high bias
8260D	GRAB-3	L2546664-06	4-Bromofluorobenzene	Surrogate	142	70-130	-	potential high bias
8260D	Batch QC	WG2097491-3	Acetone	LCS	168	40-160	04-06	potential high bias
8260D	Batch QC	WG2097491-3	Cyclohexane	LCS	140	70-130	04-06	potential high bias
8260D	Batch QC	WG2097491-4	Acetone	LCSD	175	40-160	04-06	potential high bias
8260D	Batch QC	WG2097491-4	Cyclohexane	LCSD	136	70-130	04-06	potential high bias
8260D	Laboratory Method BI	WG2097491-5	4-Bromofluorobenzene	Surrogate	131	70-130	-	potential high bias
Semivolatile Organics by GC/MS - Westborough Lab								
8270E	Batch QC	WG2096094-2	Indeno(1,2,3-cd)pyrene	LCS	68	70-130	01,03,05	potential low bias
8270E	Batch QC	WG2096094-3	Indeno(1,2,3-cd)pyrene	LCSD	66	70-130	01,03,05	potential low bias

ORGANICS

VOLATILES

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-01
 Client ID: 8PTCOMP-1
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:30
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/30/25 11:36
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0031	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	0.0052	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	0.00052	0.00020	1
Chlorobenzene	ND		mg/kg	0.00052	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	0.00052	0.00017	1
Bromodichloromethane	ND		mg/kg	0.00052	0.00011	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00028	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00052	0.00016	1
1,3-Dichloropropene, Total	ND		mg/kg	0.00052	0.00016	1
Bromoform	ND		mg/kg	0.0042	0.00026	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00052	0.00017	1
Benzene	ND		mg/kg	0.00052	0.00017	1
Toluene	ND		mg/kg	0.0010	0.00057	1
Ethylbenzene	ND		mg/kg	0.0010	0.00015	1
Chloromethane	ND		mg/kg	0.0042	0.00097	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	0.00047	1

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-01

Date Collected: 07/24/25 13:30

Client ID: 8PTCOMP-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	0.00052	0.00014	1
1,2-Dichlorobenzene	ND		mg/kg	0.0021	0.00015	1
1,3-Dichlorobenzene	ND		mg/kg	0.0021	0.00015	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	ND		mg/kg	0.0021	0.00058	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	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	0.00020	1
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00096	1
Acetone	ND		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	0.0013	1
2-Hexanone	ND		mg/kg	0.010	0.0012	1
Bromochloromethane	ND		mg/kg	0.0021	0.00021	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0021	0.00034	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0021	0.00028	1
Methyl Acetate	ND		mg/kg	0.0042	0.00099	1
Cyclohexane	ND		mg/kg	0.010	0.00057	1
Methyl cyclohexane	ND		mg/kg	0.0042	0.00063	1
Freon-113	ND		mg/kg	0.0042	0.00072	1

Tentatively Identified Compounds

Total TIC Compounds	0.003	J	mg/kg	1
Unknown	0.003	J	mg/kg	1

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-01

Date Collected: 07/24/25 13:30

Client ID: 8PTCOMP-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-02
 Client ID: GRAB-1
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 14:00
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/30/25 12:02
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0031	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	0.0052	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	0.00052	0.00020	1
Chlorobenzene	ND		mg/kg	0.00052	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	0.00052	0.00017	1
Bromodichloromethane	ND		mg/kg	0.00052	0.00011	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00028	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00052	0.00016	1
1,3-Dichloropropene, Total	ND		mg/kg	0.00052	0.00016	1
Bromoform	ND		mg/kg	0.0042	0.00026	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00052	0.00017	1
Benzene	ND		mg/kg	0.00052	0.00017	1
Toluene	ND		mg/kg	0.0010	0.00057	1
Ethylbenzene	ND		mg/kg	0.0010	0.00015	1
Chloromethane	ND		mg/kg	0.0042	0.00097	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	0.00047	1

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-02

Date Collected: 07/24/25 14:00

Client ID: GRAB-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	0.00052	0.00014	1
1,2-Dichlorobenzene	ND		mg/kg	0.0021	0.00015	1
1,3-Dichlorobenzene	ND		mg/kg	0.0021	0.00015	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	ND		mg/kg	0.0021	0.00058	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	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	0.00020	1
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00096	1
Acetone	ND		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	0.0013	1
2-Hexanone	ND		mg/kg	0.010	0.0012	1
Bromochloromethane	ND		mg/kg	0.0021	0.00021	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0021	0.00034	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0021	0.00028	1
Methyl Acetate	ND		mg/kg	0.0042	0.00099	1
Cyclohexane	ND		mg/kg	0.010	0.00057	1
Methyl cyclohexane	ND		mg/kg	0.0042	0.00063	1
Freon-113	ND		mg/kg	0.0042	0.00072	1

Tentatively Identified Compounds

Total TIC Compounds	0.003	J	mg/kg	1
Unknown	0.003	J	mg/kg	1

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-02

Date Collected: 07/24/25 14:00

Client ID: GRAB-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-03
 Client ID: 8PTCOMP-2
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:40
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/30/25 12:28
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0029	0.00096	1
1,4-Dioxane	ND		mg/kg	0.077	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.00097	0.00027	1
Methylene chloride	ND		mg/kg	0.0048	0.0022	1
1,1-Dichloroethane	ND		mg/kg	0.00097	0.00014	1
Chloroform	ND		mg/kg	0.0014	0.00014	1
Carbon tetrachloride	ND		mg/kg	0.00097	0.00022	1
1,2-Dichloropropane	ND		mg/kg	0.00097	0.00012	1
Dibromochloromethane	ND		mg/kg	0.00097	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.00097	0.00026	1
Tetrachloroethene	ND		mg/kg	0.00048	0.00019	1
Chlorobenzene	ND		mg/kg	0.00048	0.00012	1
Trichlorofluoromethane	ND		mg/kg	0.0039	0.00067	1
1,2-Dichloroethane	ND		mg/kg	0.00097	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.00048	0.00016	1
Bromodichloromethane	ND		mg/kg	0.00048	0.00010	1
trans-1,3-Dichloropropene	ND		mg/kg	0.00097	0.00026	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00048	0.00015	1
1,3-Dichloropropene, Total	ND		mg/kg	0.00048	0.00015	1
Bromoform	ND		mg/kg	0.0039	0.00024	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00048	0.00016	1
Benzene	ND		mg/kg	0.00048	0.00016	1
Toluene	ND		mg/kg	0.00097	0.00052	1
Ethylbenzene	ND		mg/kg	0.00097	0.00014	1
Chloromethane	ND		mg/kg	0.0039	0.00090	1
Bromomethane	ND		mg/kg	0.0019	0.00056	1
Vinyl chloride	ND		mg/kg	0.00097	0.00032	1
Chloroethane	ND		mg/kg	0.0019	0.00044	1

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-03

Date Collected: 07/24/25 13:40

Client ID: 8PTCOMP-2

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	0.00097	0.00023	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0014	0.00013	1
Trichloroethene	ND		mg/kg	0.00048	0.00013	1
1,2-Dichlorobenzene	ND		mg/kg	0.0019	0.00014	1
1,3-Dichlorobenzene	ND		mg/kg	0.0019	0.00014	1
1,4-Dichlorobenzene	ND		mg/kg	0.0019	0.00016	1
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
p/m-Xylene	ND		mg/kg	0.0019	0.00054	1
o-Xylene	ND		mg/kg	0.00097	0.00028	1
Xylenes, Total	ND		mg/kg	0.00097	0.00028	1
cis-1,2-Dichloroethene	ND		mg/kg	0.00097	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.00097	0.00013	1
Styrene	ND		mg/kg	0.00097	0.00019	1
Dichlorodifluoromethane	ND		mg/kg	0.0097	0.00088	1
Acetone	ND		mg/kg	0.024	0.0097	1
Carbon disulfide	ND		mg/kg	0.0097	0.0044	1
2-Butanone	ND		mg/kg	0.0097	0.0021	1
4-Methyl-2-pentanone	ND		mg/kg	0.0097	0.0012	1
2-Hexanone	ND		mg/kg	0.0097	0.0011	1
Bromochloromethane	ND		mg/kg	0.0019	0.00020	1
Isopropylbenzene	ND		mg/kg	0.00097	0.00010	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0019	0.00031	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0019	0.00026	1
Methyl Acetate	ND		mg/kg	0.0039	0.00092	1
Cyclohexane	ND		mg/kg	0.0097	0.00052	1
Methyl cyclohexane	ND		mg/kg	0.0039	0.00058	1
Freon-113	ND		mg/kg	0.0039	0.00067	1

Tentatively Identified Compounds

Total TIC Compounds	0.003	J	mg/kg	1
Unknown	0.003	J	mg/kg	1

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-03

Date Collected: 07/24/25 13:40

Client ID: 8PTCOMP-2

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-04
 Client ID: GRAB-2
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 14:10
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/30/25 12:59
 Analyst: JIC
 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	0.0031	0.0010	1
1,4-Dioxane	ND		mg/kg	0.082	0.036	1
1,2-Dibromoethane	ND		mg/kg	0.0010	0.00029	1
Methylene chloride	ND		mg/kg	0.0051	0.0024	1
1,1-Dichloroethane	ND		mg/kg	0.0010	0.00015	1
Chloroform	ND		mg/kg	0.0015	0.00014	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	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0010	0.00027	1
Tetrachloroethene	ND		mg/kg	0.00051	0.00020	1
Chlorobenzene	ND		mg/kg	0.00051	0.00013	1
Trichlorofluoromethane	ND		mg/kg	0.0041	0.00071	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
1,1,1-Trichloroethane	ND		mg/kg	0.00051	0.00017	1
Bromodichloromethane	ND		mg/kg	0.00051	0.00011	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00028	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00051	0.00016	1
1,3-Dichloropropene, Total	ND		mg/kg	0.00051	0.00016	1
Bromoform	ND		mg/kg	0.0041	0.00025	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00051	0.00017	1
Benzene	ND		mg/kg	0.00051	0.00017	1
Toluene	ND		mg/kg	0.0010	0.00056	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
Chloromethane	ND		mg/kg	0.0041	0.00096	1
Bromomethane	ND		mg/kg	0.0020	0.00060	1
Vinyl chloride	ND		mg/kg	0.0010	0.00034	1
Chloroethane	ND		mg/kg	0.0020	0.00046	1

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-04

Date Collected: 07/24/25 14:10

Client ID: GRAB-2

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	0.00024	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00014	1
Trichloroethene	ND		mg/kg	0.00051	0.00014	1
1,2-Dichlorobenzene	ND		mg/kg	0.0020	0.00015	1
1,3-Dichlorobenzene	ND		mg/kg	0.0020	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0020	0.00018	1
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00021	1
p/m-Xylene	ND		mg/kg	0.0020	0.00057	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	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	0.00064	J	mg/kg	0.0010	0.00020	1
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00094	1
Acetone	ND		mg/kg	0.026	0.010	1
Carbon disulfide	ND		mg/kg	0.010	0.0047	1
2-Butanone	ND		mg/kg	0.010	0.0023	1
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.0013	1
2-Hexanone	ND		mg/kg	0.010	0.0012	1
Bromochloromethane	ND		mg/kg	0.0020	0.00021	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0020	0.00033	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0020	0.00028	1
Methyl Acetate	ND		mg/kg	0.0041	0.00098	1
Cyclohexane	ND		mg/kg	0.010	0.00056	1
Methyl cyclohexane	ND		mg/kg	0.0041	0.00062	1
Freon-113	ND		mg/kg	0.0041	0.00071	1

Tentatively Identified Compounds

Total TIC Compounds	0.004	J	mg/kg	1
Unknown	0.004	J	mg/kg	1

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-04

Date Collected: 07/24/25 14:10

Client ID: GRAB-2

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	145	Q	70-130
Dibromofluoromethane	98		70-130

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-05
 Client ID: 8PTCOMP-3
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:50
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/30/25 13:22
 Analyst: JIC
 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	0.0029	0.00097	1
1,4-Dioxane	ND		mg/kg	0.077	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.00097	0.00027	1
Methylene chloride	ND		mg/kg	0.0048	0.0022	1
1,1-Dichloroethane	ND		mg/kg	0.00097	0.00014	1
Chloroform	ND		mg/kg	0.0014	0.00014	1
Carbon tetrachloride	ND		mg/kg	0.00097	0.00022	1
1,2-Dichloropropane	ND		mg/kg	0.00097	0.00012	1
Dibromochloromethane	ND		mg/kg	0.00097	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.00097	0.00026	1
Tetrachloroethene	ND		mg/kg	0.00048	0.00019	1
Chlorobenzene	ND		mg/kg	0.00048	0.00012	1
Trichlorofluoromethane	ND		mg/kg	0.0039	0.00067	1
1,2-Dichloroethane	ND		mg/kg	0.00097	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.00048	0.00016	1
Bromodichloromethane	ND		mg/kg	0.00048	0.00010	1
trans-1,3-Dichloropropene	ND		mg/kg	0.00097	0.00026	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00048	0.00015	1
1,3-Dichloropropene, Total	ND		mg/kg	0.00048	0.00015	1
Bromoform	ND		mg/kg	0.0039	0.00024	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00048	0.00016	1
Benzene	ND		mg/kg	0.00048	0.00016	1
Toluene	ND		mg/kg	0.00097	0.00052	1
Ethylbenzene	ND		mg/kg	0.00097	0.00014	1
Chloromethane	ND		mg/kg	0.0039	0.00090	1
Bromomethane	ND		mg/kg	0.0019	0.00056	1
Vinyl chloride	ND		mg/kg	0.00097	0.00032	1
Chloroethane	ND		mg/kg	0.0019	0.00044	1

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-05

Date Collected: 07/24/25 13:50

Client ID: 8PTCOMP-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	0.00097	0.00023	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0014	0.00013	1
Trichloroethene	ND		mg/kg	0.00048	0.00013	1
1,2-Dichlorobenzene	ND		mg/kg	0.0019	0.00014	1
1,3-Dichlorobenzene	ND		mg/kg	0.0019	0.00014	1
1,4-Dichlorobenzene	ND		mg/kg	0.0019	0.00016	1
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
p/m-Xylene	ND		mg/kg	0.0019	0.00054	1
o-Xylene	ND		mg/kg	0.00097	0.00028	1
Xylenes, Total	ND		mg/kg	0.00097	0.00028	1
cis-1,2-Dichloroethene	ND		mg/kg	0.00097	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.00097	0.00013	1
Styrene	ND		mg/kg	0.00097	0.00019	1
Dichlorodifluoromethane	ND		mg/kg	0.0097	0.00089	1
Acetone	ND		mg/kg	0.024	0.0097	1
Carbon disulfide	ND		mg/kg	0.0097	0.0044	1
2-Butanone	ND		mg/kg	0.0097	0.0022	1
4-Methyl-2-pentanone	ND		mg/kg	0.0097	0.0012	1
2-Hexanone	ND		mg/kg	0.0097	0.0011	1
Bromochloromethane	ND		mg/kg	0.0019	0.00020	1
Isopropylbenzene	ND		mg/kg	0.00097	0.00010	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0019	0.00031	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0019	0.00026	1
Methyl Acetate	ND		mg/kg	0.0039	0.00092	1
Cyclohexane	ND		mg/kg	0.0097	0.00053	1
Methyl cyclohexane	ND		mg/kg	0.0039	0.00058	1
Freon-113	ND		mg/kg	0.0039	0.00067	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	mg/kg	1
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Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-05

Date Collected: 07/24/25 13:50

Client ID: 8PTCOMP-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	137	Q	70-130
Dibromofluoromethane	98		70-130

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-06
 Client ID: GRAB-3
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 14:20
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/30/25 13:44
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0030	0.0010	1
1,4-Dioxane	ND		mg/kg	0.081	0.036	1
1,2-Dibromoethane	ND		mg/kg	0.0010	0.00028	1
Methylene chloride	ND		mg/kg	0.0051	0.0023	1
1,1-Dichloroethane	ND		mg/kg	0.0010	0.00015	1
Chloroform	ND		mg/kg	0.0015	0.00014	1
Carbon tetrachloride	ND		mg/kg	0.0010	0.00023	1
1,2-Dichloropropane	ND		mg/kg	0.0010	0.00013	1
Dibromochloromethane	ND		mg/kg	0.0010	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0010	0.00027	1
Tetrachloroethene	ND		mg/kg	0.00051	0.00020	1
Chlorobenzene	ND		mg/kg	0.00051	0.00013	1
Trichlorofluoromethane	ND		mg/kg	0.0040	0.00070	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
1,1,1-Trichloroethane	ND		mg/kg	0.00051	0.00017	1
Bromodichloromethane	ND		mg/kg	0.00051	0.00011	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00028	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00051	0.00016	1
1,3-Dichloropropene, Total	ND		mg/kg	0.00051	0.00016	1
Bromoform	ND		mg/kg	0.0040	0.00025	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00051	0.00017	1
Benzene	ND		mg/kg	0.00051	0.00017	1
Toluene	ND		mg/kg	0.0010	0.00055	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
Chloromethane	ND		mg/kg	0.0040	0.00094	1
Bromomethane	ND		mg/kg	0.0020	0.00059	1
Vinyl chloride	ND		mg/kg	0.0010	0.00034	1
Chloroethane	ND		mg/kg	0.0020	0.00046	1

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-06

Date Collected: 07/24/25 14:20

Client ID: GRAB-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	0.00024	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00014	1
Trichloroethene	ND		mg/kg	0.00051	0.00014	1
1,2-Dichlorobenzene	ND		mg/kg	0.0020	0.00014	1
1,3-Dichlorobenzene	ND		mg/kg	0.0020	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0020	0.00017	1
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
p/m-Xylene	ND		mg/kg	0.0020	0.00057	1
o-Xylene	ND		mg/kg	0.0010	0.00029	1
Xylenes, Total	ND		mg/kg	0.0010	0.00029	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	0.00020	1
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00093	1
Acetone	ND		mg/kg	0.025	0.010	1
Carbon disulfide	ND		mg/kg	0.010	0.0046	1
2-Butanone	ND		mg/kg	0.010	0.0022	1
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.0013	1
2-Hexanone	ND		mg/kg	0.010	0.0012	1
Bromochloromethane	ND		mg/kg	0.0020	0.00021	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0020	0.00033	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0020	0.00028	1
Methyl Acetate	ND		mg/kg	0.0040	0.00096	1
Cyclohexane	ND		mg/kg	0.010	0.00055	1
Methyl cyclohexane	ND		mg/kg	0.0040	0.00061	1
Freon-113	ND		mg/kg	0.0040	0.00070	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	mg/kg	1
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Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-06

Date Collected: 07/24/25 14:20

Client ID: GRAB-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	142	Q	70-130
Dibromofluoromethane	98		70-130

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546664
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/30/25 08:47
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2097436-5					
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	ND		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: L2546664
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/30/25 08:47
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2097436-5					
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: L2546664
Report Date: 08/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/30/25 08:47
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2097436-5					

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	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/30/25 12:36
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-06 Batch: WG2097491-5					
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	ND		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: L2546664
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/30/25 12:36
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-06 Batch: WG2097491-5					
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	0.00061	J	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: L2546664
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/30/25 12:36
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-06 Batch: WG2097491-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND mg/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	131	Q	70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG2097436-3 WG2097436-4								
1,2-Dibromo-3-chloropropane	79		82		40-160	4		30
1,4-Dioxane	92		93		40-160	1		30
1,2-Dibromoethane	102		101		70-130	1		30
Methylene chloride	92		86		70-130	7		30
1,1-Dichloroethane	100		95		70-130	5		30
Chloroform	104		100		70-130	4		30
Carbon tetrachloride	112		107		70-130	5		30
1,2-Dichloropropane	96		92		70-130	4		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	95		92		70-130	3		30
Tetrachloroethene	115		112		70-130	3		30
Chlorobenzene	103		99		70-130	4		30
Trichlorofluoromethane	139		126		40-160	10		30
1,2-Dichloroethane	94		92		70-130	2		30
1,1,1-Trichloroethane	116		110		70-130	5		30
Bromodichloromethane	101		99		70-130	2		30
trans-1,3-Dichloropropene	99		96		70-130	3		30
cis-1,3-Dichloropropene	103		101		40-160	2		30
Bromoform	88		90		40-160	2		30
1,1,2,2-Tetrachloroethane	87		83		40-160	5		30
Benzene	106		101		70-130	5		30
Toluene	101		97		70-130	4		30
Ethylbenzene	107		103		70-130	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG2097436-3 WG2097436-4								
Chloromethane	88		80		40-160	10		30
Bromomethane	131		119		40-160	10		30
Vinyl chloride	96		91		70-130	5		30
Chloroethane	108		105		40-160	3		30
1,1-Dichloroethene	109		104		70-130	5		30
trans-1,2-Dichloroethene	107		103		70-130	4		30
Trichloroethene	110		106		70-130	4		30
1,2-Dichlorobenzene	97		94		70-130	3		30
1,3-Dichlorobenzene	103		100		70-130	3		30
1,4-Dichlorobenzene	99		97		70-130	2		30
Methyl tert butyl ether	97		94		70-130	3		30
p/m-Xylene	110		107		70-130	3		30
o-Xylene	106		103		70-130	3		30
cis-1,2-Dichloroethene	103		99		70-130	4		30
Styrene	106		106		40-160	0		30
Dichlorodifluoromethane	80		74		40-160	8		30
Acetone	88		80		40-160	10		30
Carbon disulfide	99		92		40-160	7		30
2-Butanone	89		76		40-160	16		30
4-Methyl-2-pentanone	76		77		40-160	1		30
2-Hexanone	79		72		40-160	9		30
Bromochloromethane	103		96		70-130	7		30
Isopropylbenzene	104		100		70-130	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG2097436-3 WG2097436-4								
1,2,3-Trichlorobenzene	94		94		70-130	0		30
1,2,4-Trichlorobenzene	104		103		70-130	1		30
Methyl Acetate	88		84		70-130	5		30
Cyclohexane	100		94		70-130	6		30
Methyl cyclohexane	113		106		70-130	6		30
Freon-113	116		110		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	97		99		70-130
4-Bromofluorobenzene	105		94		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-06 Batch: WG2097491-3 WG2097491-4								
1,2-Dibromo-3-chloropropane	104		106		40-160	2		30
1,4-Dioxane	95		102		40-160	7		30
1,2-Dibromoethane	107		109		70-130	2		30
Methylene chloride	105		104		70-130	1		30
1,1-Dichloroethane	124		122		70-130	2		30
Chloroform	101		108		70-130	7		30
Carbon tetrachloride	109		109		70-130	0		30
1,2-Dichloropropane	116		118		70-130	2		30
Dibromochloromethane	106		107		70-130	1		30
1,1,2-Trichloroethane	105		108		70-130	3		30
Tetrachloroethene	110		106		70-130	4		30
Chlorobenzene	105		105		70-130	0		30
Trichlorofluoromethane	61		57		40-160	7		30
1,2-Dichloroethane	119		120		70-130	1		30
1,1,1-Trichloroethane	115		114		70-130	1		30
Bromodichloromethane	106		108		70-130	2		30
trans-1,3-Dichloropropene	117		117		70-130	0		30
cis-1,3-Dichloropropene	112		115		40-160	3		30
Bromoform	93		92		40-160	1		30
1,1,2,2-Tetrachloroethane	112		112		40-160	0		30
Benzene	109		110		70-130	1		30
Toluene	112		109		70-130	3		30
Ethylbenzene	111		110		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-06 Batch: WG2097491-3 WG2097491-4								
Chloromethane	139		126		40-160	10		30
Bromomethane	76		72		40-160	5		30
Vinyl chloride	94		86		70-130	9		30
Chloroethane	96		90		40-160	6		30
1,1-Dichloroethene	105		115		70-130	9		30
trans-1,2-Dichloroethene	107		105		70-130	2		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	109		105		70-130	4		30
1,3-Dichlorobenzene	110		105		70-130	5		30
1,4-Dichlorobenzene	108		103		70-130	5		30
Methyl tert butyl ether	110		110		70-130	0		30
p/m-Xylene	103		101		70-130	2		30
o-Xylene	101		101		70-130	0		30
cis-1,2-Dichloroethene	102		102		70-130	0		30
Styrene	91		92		40-160	1		30
Dichlorodifluoromethane	97		90		40-160	7		30
Acetone	168	Q	175	Q	40-160	4		30
Carbon disulfide	112		110		40-160	2		30
2-Butanone	106		110		40-160	4		30
4-Methyl-2-pentanone	117		123		40-160	5		30
2-Hexanone	106		112		40-160	6		30
Bromochloromethane	94		94		70-130	0		30
Isopropylbenzene	121		115		70-130	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-06 Batch: WG2097491-3 WG2097491-4								
1,2,3-Trichlorobenzene	114		112		70-130	2		30
1,2,4-Trichlorobenzene	110		106		70-130	4		30
Methyl Acetate	118		122		70-130	3		30
Cyclohexane	140	Q	136	Q	70-130	3		30
Methyl cyclohexane	111		111		70-130	0		30
Freon-113	108		107		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		111		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	129		127		70-130
Dibromofluoromethane	96		97		70-130

SEMIVOLATILES

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-01
 Client ID: 8PTCOMP-1
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:30
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/30/25 10:12
 Analyst: IMK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 19:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.028	J	mg/kg	0.15	0.016	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.018	1
Fluoranthene	0.87		mg/kg	0.11	0.021	1
Naphthalene	0.076	J	mg/kg	0.19	0.023	1
Benzo(a)anthracene	0.62		mg/kg	0.063	0.021	1
Benzo(a)pyrene	0.94		mg/kg	0.14	0.045	1
Benzo(b)fluoranthene	0.93		mg/kg	0.047	0.016	1
Benzo(k)fluoranthene	0.50		mg/kg	0.039	0.013	1
Chrysene	0.65		mg/kg	0.11	0.019	1
Acenaphthylene	0.22		mg/kg	0.15	0.021	1
Anthracene	0.27		mg/kg	0.11	0.016	1
Benzo(ghi)perylene	0.55		mg/kg	0.15	0.022	1
Fluorene	0.046	J	mg/kg	0.19	0.018	1
Phenanthrene	0.36		mg/kg	0.11	0.013	1
Dibenzo(a,h)anthracene	0.12		mg/kg	0.065	0.022	1
Indeno(1,2,3-cd)pyrene	0.39		mg/kg	0.078	0.026	1
Pyrene	0.98		mg/kg	0.11	0.016	1
2-Methylnaphthalene	0.070	J	mg/kg	0.22	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		30-130
2-Fluorobiphenyl	80		30-130
4-Terphenyl-d14	69		30-130

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-03
 Client ID: 8PTCOMP-2
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:40
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/30/25 10:30
 Analyst: IMK
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 19:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.061	J	mg/kg	0.15	0.015	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.017	1
Fluoranthene	1.9		mg/kg	0.11	0.021	1
Naphthalene	0.13	J	mg/kg	0.18	0.022	1
Benzo(a)anthracene	1.2		mg/kg	0.061	0.020	1
Benzo(a)pyrene	1.5		mg/kg	0.13	0.044	1
Benzo(b)fluoranthene	1.8		mg/kg	0.046	0.015	1
Benzo(k)fluoranthene	0.47		mg/kg	0.038	0.013	1
Chrysene	1.1		mg/kg	0.11	0.019	1
Acenaphthylene	0.35		mg/kg	0.15	0.020	1
Anthracene	0.50		mg/kg	0.11	0.016	1
Benzo(ghi)perylene	0.74		mg/kg	0.15	0.021	1
Fluorene	0.11	J	mg/kg	0.18	0.018	1
Phenanthrene	1.1		mg/kg	0.11	0.013	1
Dibenzo(a,h)anthracene	0.18		mg/kg	0.064	0.021	1
Indeno(1,2,3-cd)pyrene	0.55		mg/kg	0.077	0.025	1
Pyrene	2.0		mg/kg	0.11	0.016	1
2-Methylnaphthalene	0.11	J	mg/kg	0.22	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		30-130
2-Fluorobiphenyl	69		30-130
4-Terphenyl-d14	62		30-130

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-05
 Client ID: 8PTCOMP-3
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:50
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/30/25 08:59
 Analyst: IMK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 19:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.021	J	mg/kg	0.15	0.016	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.018	1
Fluoranthene	0.81		mg/kg	0.11	0.021	1
Naphthalene	0.23		mg/kg	0.19	0.023	1
Benzo(a)anthracene	0.48		mg/kg	0.062	0.021	1
Benzo(a)pyrene	0.68		mg/kg	0.14	0.045	1
Benzo(b)fluoranthene	0.79		mg/kg	0.047	0.016	1
Benzo(k)fluoranthene	0.24		mg/kg	0.039	0.013	1
Chrysene	0.57		mg/kg	0.11	0.019	1
Acenaphthylene	0.18		mg/kg	0.15	0.021	1
Anthracene	0.23		mg/kg	0.11	0.016	1
Benzo(ghi)perylene	0.64		mg/kg	0.15	0.022	1
Fluorene	0.042	J	mg/kg	0.19	0.018	1
Phenanthrene	0.29		mg/kg	0.11	0.013	1
Dibenzo(a,h)anthracene	0.13		mg/kg	0.065	0.022	1
Indeno(1,2,3-cd)pyrene	0.43		mg/kg	0.078	0.026	1
Pyrene	0.88		mg/kg	0.11	0.016	1
2-Methylnaphthalene	0.051	J	mg/kg	0.22	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		30-130
2-Fluorobiphenyl	65		30-130
4-Terphenyl-d14	59		30-130

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546664
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/30/25 01:32
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 07/28/25 19:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG2096094-1					
Acenaphthene	ND		mg/kg	0.13	0.014
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
Fluoranthene	ND		mg/kg	0.099	0.019
Naphthalene	ND		mg/kg	0.16	0.020
Benzo(a)anthracene	ND		mg/kg	0.055	0.018
Benzo(a)pyrene	ND		mg/kg	0.12	0.040
Benzo(b)fluoranthene	ND		mg/kg	0.042	0.014
Benzo(k)fluoranthene	ND		mg/kg	0.035	0.012
Chrysene	ND		mg/kg	0.099	0.017
Acenaphthylene	ND		mg/kg	0.13	0.018
Anthracene	ND		mg/kg	0.099	0.015
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.099	0.012
Dibenzo(a,h)anthracene	ND		mg/kg	0.057	0.019
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.069	0.023
Pyrene	ND		mg/kg	0.099	0.014
2-Methylnaphthalene	ND		mg/kg	0.20	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		30-130
2-Fluorobiphenyl	67		30-130
4-Terphenyl-d14	69		30-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096094-2 WG2096094-3								
Acenaphthene	78		72		70-130	8		30
2-Chloronaphthalene	76		72		70-130	5		30
Fluoranthene	79		71		70-130	11		30
Naphthalene	78		72		70-130	8		30
Benzo(a)anthracene	78		72		70-130	8		30
Benzo(a)pyrene	87		83		70-130	5		30
Benzo(b)fluoranthene	85		83		70-130	2		30
Benzo(k)fluoranthene	84		77		70-130	9		30
Chrysene	76		72		70-130	5		30
Acenaphthylene	77		72		70-130	7		30
Anthracene	79		74		70-130	7		30
Benzo(ghi)perylene	79		77		70-130	3		30
Fluorene	76		71		70-130	7		30
Phenanthrene	78		72		70-130	8		30
Dibenzo(a,h)anthracene	79		77		70-130	3		30
Indeno(1,2,3-cd)pyrene	68	Q	66	Q	70-130	3		30
Pyrene	78		71		70-130	9		30
2-Methylnaphthalene	79		74		70-130	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096094-2 WG2096094-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	79		70		30-130
2-Fluorobiphenyl	76		71		30-130
4-Terphenyl-d14	76		68		30-130

PCBS

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-01
 Client ID: 8PTCOMP-1
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:30
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/29/25 10:58
 Analyst: EMR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0516	0.00458	1	A
Aroclor 1221	ND		mg/kg	0.0516	0.00517	1	A
Aroclor 1232	ND		mg/kg	0.0516	0.0109	1	A
Aroclor 1242	ND		mg/kg	0.0516	0.00696	1	A
Aroclor 1248	ND		mg/kg	0.0516	0.00774	1	A
Aroclor 1254	ND		mg/kg	0.0516	0.00565	1	A
Aroclor 1260	0.0347	J	mg/kg	0.0516	0.00954	1	B
Aroclor 1262	ND		mg/kg	0.0516	0.00656	1	A
Aroclor 1268	ND		mg/kg	0.0516	0.00535	1	A
PCBs, Total	0.0347	J	mg/kg	0.0516	0.00458	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-03
 Client ID: 8PTCOMP-2
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:40
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/29/25 11:05
 Analyst: EMR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

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	0.0260	J	mg/kg	0.0520	0.00961	1	A
Aroclor 1262	ND		mg/kg	0.0520	0.00661	1	A
Aroclor 1268	ND		mg/kg	0.0520	0.00539	1	A
PCBs, Total	0.0260	J	mg/kg	0.0520	0.00462	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-05
 Client ID: 8PTCOMP-3
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:50
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/29/25 11:13
 Analyst: EMR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0542	0.00482	1	A
Aroclor 1221	ND		mg/kg	0.0542	0.00543	1	A
Aroclor 1232	ND		mg/kg	0.0542	0.0115	1	A
Aroclor 1242	ND		mg/kg	0.0542	0.00731	1	A
Aroclor 1248	ND		mg/kg	0.0542	0.00813	1	A
Aroclor 1254	ND		mg/kg	0.0542	0.00593	1	A
Aroclor 1260	0.0388	J	mg/kg	0.0542	0.0100	1	A
Aroclor 1262	ND		mg/kg	0.0542	0.00689	1	A
Aroclor 1268	ND		mg/kg	0.0542	0.00562	1	A
PCBs, Total	0.0388	J	mg/kg	0.0542	0.00482	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546664
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/29/25 15:54
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/28/25 10:09
Cleanup Method: EPA 3665A
Cleanup Date: 07/28/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/28/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG2095846-1						
Aroclor 1016	ND		mg/kg	0.0473	0.00420	A
Aroclor 1221	ND		mg/kg	0.0473	0.00474	A
Aroclor 1232	ND		mg/kg	0.0473	0.0100	A
Aroclor 1242	ND		mg/kg	0.0473	0.00638	A
Aroclor 1248	ND		mg/kg	0.0473	0.00710	A
Aroclor 1254	ND		mg/kg	0.0473	0.00518	A
Aroclor 1260	ND		mg/kg	0.0473	0.00874	A
Aroclor 1262	ND		mg/kg	0.0473	0.00601	A
Aroclor 1268	ND		mg/kg	0.0473	0.00490	A
PCBs, Total	ND		mg/kg	0.0473	0.00420	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2095846-2 WG2095846-3									
Aroclor 1016	87		89		40-140	2		30	A
Aroclor 1260	83		81		40-140	2		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		90		30-150	A
Decachlorobiphenyl	75		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		86		30-150	B
Decachlorobiphenyl	78		78		30-150	B

METALS

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-01

Date Collected: 07/24/25 13:30

Client ID: 8PTCOMP-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/29/25 05:00

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	07/30/25 10:12	07/31/25 10:16	EPA 3015	1,6010D	DMC
Barium, TCLP	0.383	J	mg/l	0.500	0.0210	1	07/30/25 10:12	07/31/25 10:16	EPA 3015	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/30/25 10:12	07/31/25 10:16	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/30/25 10:12	07/31/25 10:16	EPA 3015	1,6010D	DMC
Lead, TCLP	0.226	J	mg/l	0.500	0.0270	1	07/30/25 10:12	07/31/25 10:16	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/30/25 10:26	07/30/25 14:28	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/30/25 10:12	07/31/25 10:16	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/30/25 10:12	07/31/25 10:16	EPA 3015	1,6010D	DMC



Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-01

Date Collected: 07/24/25 13:30

Client ID: 8PTCOMP-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.99		mg/kg	0.850	0.367	2	07/29/25 15:48	07/30/25 22:21	EPA 3050B	1,6010D	EFM
Barium, Total	39.4		mg/kg	0.850	0.090	2	07/29/25 15:48	07/30/25 22:21	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.696	J	mg/kg	0.850	0.047	2	07/29/25 15:48	07/30/25 22:21	EPA 3050B	1,6010D	EFM
Chromium, Total	14.3		mg/kg	0.850	0.721	2	07/29/25 15:48	07/30/25 22:21	EPA 3050B	1,6010D	EFM
Lead, Total	87.0		mg/kg	4.25	0.202	2	07/29/25 15:48	07/30/25 22:21	EPA 3050B	1,6010D	EFM
Mercury, Total	0.072	J	mg/kg	0.076	0.049	1	07/29/25 14:30	07/29/25 17:27	EPA 7471B	1,7471B	CME
Selenium, Total	0.297	J	mg/kg	1.70	0.280	2	07/29/25 15:48	07/30/25 22:21	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.425	0.253	2	07/29/25 15:48	07/30/25 22:21	EPA 3050B	1,6010D	EFM



Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-03

Date Collected: 07/24/25 13:40

Client ID: 8PTCOMP-2

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/29/25 05:00

Matrix: Soil

Percent Solids: 90%

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	07/30/25 10:12	07/31/25 10:23	EPA 3015	1,6010D	DMC
Barium, TCLP	0.386	J	mg/l	0.500	0.0210	1	07/30/25 10:12	07/31/25 10:23	EPA 3015	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/30/25 10:12	07/31/25 10:23	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/30/25 10:12	07/31/25 10:23	EPA 3015	1,6010D	DMC
Lead, TCLP	0.140	J	mg/l	0.500	0.0270	1	07/30/25 10:12	07/31/25 10:23	EPA 3015	1,6010D	DMC
Mercury, TCLP	0.0005	J	mg/l	0.0010	0.0005	1	07/30/25 10:26	07/30/25 14:31	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/30/25 10:12	07/31/25 10:23	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/30/25 10:12	07/31/25 10:23	EPA 3015	1,6010D	DMC



Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-03

Date Collected: 07/24/25 13:40

Client ID: 8PTCOMP-2

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.8		mg/kg	0.859	0.371	2	07/29/25 15:48	07/30/25 22:27	EPA 3050B	1,6010D	EFM
Barium, Total	38.1		mg/kg	0.859	0.091	2	07/29/25 15:48	07/30/25 22:27	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.594	J	mg/kg	0.859	0.047	2	07/29/25 15:48	07/30/25 22:27	EPA 3050B	1,6010D	EFM
Chromium, Total	15.2		mg/kg	0.859	0.729	2	07/29/25 15:48	07/30/25 22:27	EPA 3050B	1,6010D	EFM
Lead, Total	74.1		mg/kg	4.30	0.204	2	07/29/25 15:48	07/30/25 22:27	EPA 3050B	1,6010D	EFM
Mercury, Total	0.119		mg/kg	0.071	0.046	1	07/29/25 14:30	07/29/25 17:30	EPA 7471B	1,7471B	CME
Selenium, Total	ND		mg/kg	1.72	0.283	2	07/29/25 15:48	07/30/25 22:27	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.430	0.256	2	07/29/25 15:48	07/30/25 22:27	EPA 3050B	1,6010D	EFM



Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-05

Date Collected: 07/24/25 13:50

Client ID: 8PTCOMP-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/29/25 05:00

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	07/30/25 10:12	07/31/25 10:30	EPA 3015	1,6010D	DMC
Barium, TCLP	0.372	J	mg/l	0.500	0.0210	1	07/30/25 10:12	07/31/25 10:30	EPA 3015	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/30/25 10:12	07/31/25 10:30	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/30/25 10:12	07/31/25 10:30	EPA 3015	1,6010D	DMC
Lead, TCLP	0.132	J	mg/l	0.500	0.0270	1	07/30/25 10:12	07/31/25 10:30	EPA 3015	1,6010D	DMC
Mercury, TCLP	0.0005	J	mg/l	0.0010	0.0005	1	07/30/25 10:26	07/30/25 14:41	EPA 7470A	1,7470A	JWN
Selenium, TCLP	0.0410	J	mg/l	0.500	0.0350	1	07/30/25 10:12	07/31/25 10:30	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/30/25 10:12	07/31/25 10:30	EPA 3015	1,6010D	DMC



Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546664-05

Date Collected: 07/24/25 13:50

Client ID: 8PTCOMP-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	3.82		mg/kg	0.861	0.372	2	07/29/25 15:48	07/30/25 22:34	EPA 3050B	1,6010D	EFM
Barium, Total	33.5		mg/kg	0.861	0.091	2	07/29/25 15:48	07/30/25 22:34	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.422	J	mg/kg	0.861	0.047	2	07/29/25 15:48	07/30/25 22:34	EPA 3050B	1,6010D	EFM
Chromium, Total	11.4		mg/kg	0.861	0.730	2	07/29/25 15:48	07/30/25 22:34	EPA 3050B	1,6010D	EFM
Lead, Total	80.8		mg/kg	4.30	0.205	2	07/29/25 15:48	07/30/25 22:34	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.085	0.056	1	07/29/25 14:30	07/29/25 17:40	EPA 7471B	1,7471B	CME
Selenium, Total	ND		mg/kg	1.72	0.283	2	07/29/25 15:48	07/30/25 22:34	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.430	0.256	2	07/29/25 15:48	07/30/25 22:34	EPA 3050B	1,6010D	EFM



Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

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): 01,03,05 Batch: WG2096373-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Barium, Total	ND		mg/kg	0.400	0.042	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Selenium, Total	ND		mg/kg	0.800	0.132	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM

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): 01,03,05 Batch: WG2096394-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/29/25 14:30	07/29/25 17:00	1,7471B	CME

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): 01,03,05 Batch: WG2096778-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	07/30/25 10:12	07/31/25 08:32	1,6010D	DMC
Barium, TCLP	ND		mg/l	0.500	0.0210	1	07/30/25 10:12	07/31/25 08:32	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/30/25 10:12	07/31/25 08:32	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/30/25 10:12	07/31/25 08:32	1,6010D	DMC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/30/25 10:12	07/31/25 08:32	1,6010D	DMC
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/30/25 10:12	07/31/25 08:32	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/30/25 10:12	07/31/25 08:32	1,6010D	DMC



Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/28/25 05:49

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): 01,03,05 Batch: WG2096779-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/30/25 10:26	07/30/25 14:08	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/28/25 05:49



Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG2096373-2								
Arsenic, Total	105		-		80-120	-		20
Barium, Total	109		-		80-120	-		20
Cadmium, Total	102		-		80-120	-		20
Chromium, Total	106		-		80-120	-		20
Lead, Total	104		-		80-120	-		20
Selenium, Total	106		-		80-120	-		20
Silver, Total	108		-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG2096394-2								
Mercury, Total	99		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG2096778-2								
Arsenic, TCLP	98		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	101		-		75-125	-		20
Chromium, TCLP	103		-		75-125	-		20
Lead, TCLP	97		-		75-125	-		20
Selenium, TCLP	94		-		75-125	-		20
Silver, TCLP	100		-		75-125	-		20

Lab Control Sample Analysis
Batch Quality Control**Project Name:** RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2546664**Report Date:** 08/01/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG2096779-2					
Mercury, TCLP	93	-	80-120	-	

INORGANICS & MISCELLANEOUS

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546664

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-01

Client ID: 8PTCOMP-1

Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:30

Date Received: 07/24/25

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	07/29/25 16:23	1,1030	REM



Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546664

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-03

Client ID: 8PTCOMP-2

Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:40

Date Received: 07/24/25

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	07/29/25 16:23	1,1030	REM



Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546664

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-05

Client ID: 8PTCOMP-3

Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:50

Date Received: 07/24/25

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	07/29/25 16:23	1,1030	REM



Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-01

Date Collected: 07/24/25 13:30

Client ID: 8PTCOMP-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	88.7		%	0.100	NA	1	-	07/28/25 20:42	121,2540G	MAA
pH (H)	7.97		SU	-	NA	1	-	07/26/25 11:00	1,9045D	DMO
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:53	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:45	125,7.3	TLH



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2546664**Report Date:** 08/01/25**SAMPLE RESULTS****Lab ID:** L2546664-02**Client ID:** GRAB-1**Sample Location:** RAMSEY HIGH SCHOOL**Date Collected:** 07/24/25 14:00**Date Received:** 07/24/25**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	89.7		%	0.100	NA	1	-	07/28/25 20:42	121,2540G	MAA



Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-03

Date Collected: 07/24/25 13:40

Client ID: 8PTCOMP-2

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	89.5		%	0.100	NA	1	-	07/28/25 20:42	121,2540G	MAA
pH (H)	7.92		SU	-	NA	1	-	07/26/25 11:00	1,9045D	DMO
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:53	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:45	125,7.3	TLH



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2546664**Report Date:** 08/01/25**SAMPLE RESULTS****Lab ID:** L2546664-04**Client ID:** GRAB-2**Sample Location:** RAMSEY HIGH SCHOOL**Date Collected:** 07/24/25 14:10**Date Received:** 07/24/25**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	87.9		%	0.100	NA	1	-	07/28/25 20:42	121,2540G	MAA



Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546664-05

Date Collected: 07/24/25 13:50

Client ID: 8PTCOMP-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

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	88.4		%	0.100	NA	1	-	07/28/25 20:42	121,2540G	MAA
pH (H)	7.68		SU	-	NA	1	-	07/26/25 11:00	1,9045D	DMO
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:53	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:46	125,7.3	TLH



Project Name: RAMSEY SD**Project Number:** RAMSEY SD**Lab Number:** L2546664**Report Date:** 08/01/25**SAMPLE RESULTS****Lab ID:** L2546664-06**Client ID:** GRAB-3**Sample Location:** RAMSEY HIGH SCHOOL**Date Collected:** 07/24/25 14:20**Date Received:** 07/24/25**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	87.1		%	0.100	NA	1	-	07/28/25 20:42	121,2540G	MAA



Project Name: RAMSEY SD

Lab Number: L2546664

Project Number: RAMSEY SD

Report Date: 08/01/25

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): 01,03,05 Batch: WG2096072-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:43	125,7.3	TLH
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG2096081-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/28/25 19:15	07/28/25 21:51	125,7.3	TLH



Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546664

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2095390-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096072-2								
Sulfide, Reactive	77		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096081-2								
Cyanide, Reactive	71		-		30-125	-		40

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**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(*)
L2546664-01A	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-01B	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-01C	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-01D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2546664-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2546664-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		IGNIT-1030(14),REACTS(14),NJ-8082(14),PH-9045(1),REACTCN(14),NJ-PAH(14)
L2546664-01V	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2546664-01V9	Tumble Vessel	NA	NA			Y	Absent		-
L2546664-01X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-01Y	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-01Z	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-02A	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-02B	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-02C	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-02D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2546664-02X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-02Y	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-02Z	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-03A	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-03B	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2546664-03C	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-03D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2546664-03E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2546664-03F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		REACTS(14),IGNIT-1030(14),NJ-8082(14),PH-9045(1),REACTCN(14),NJ-PAH(14)
L2546664-03V	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2546664-03V9	Tumble Vessel	NA	NA			Y	Absent		-
L2546664-03X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-03Y	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-03Z	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-04A	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-04B	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-04C	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-04D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2546664-04X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-04Y	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-04Z	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-05A	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-05B	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-05C	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-05D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2546664-05E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2546664-05F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		REACTS(14),IGNIT-1030(14),NJ-8082(14),PH-9045(1),REACTCN(14),NJ-PAH(14)

Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2546664-05V	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2546664-05V9	Tumble Vessel	NA	NA			Y	Absent		-
L2546664-05X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-05Y	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-05Z	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-06A	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-06B	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-06C	5 gram Encore Sampler	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-06D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2546664-06X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-8260HLW(14)
L2546664-06Y	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)
L2546664-06Z	Vial Water preserved split	NA	NA			Y	Absent	26-JUL-25 05:20	NJ-8260HLW(14)

Project Name: RAMSEY SD
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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



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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



Project Name: RAMSEY SD**Lab Number:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25**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:** L2546664**Project Number:** RAMSEY SD**Report Date:** 08/01/25

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 **28**Published Date: **07/25/2025**Page **1** of **2****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, **LACHAT 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, SM4500CL-G, 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.****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, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1:** Hg. **EPA 245.7:** Hg.**SM2340B**

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

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

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

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, 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

MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, 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, LA 245052, 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.

[illegible]



Sample Delivery Group Summary

Pace Job Number : L2546664

Received : 24-JUL-2025

Reviewer : Craig Sloma-Green

Account Name : Phoenix Environmental

Project Number : RAMSEY SD

Project Name : RAMSEY SD

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.1	

Condition Information

- | | |
|--|-----|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|----|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|----|