



ANALYTICAL REPORT

Lab Number:	L2546665
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: L2546665
Report Date: 08/01/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2546665-01	5PTCOMP-1	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:30	07/24/25
L2546665-02	5PTCOMP-1A	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:35	07/24/25
L2546665-03	5PTCOMP-2	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:40	07/24/25
L2546665-04	5PTCOMP-2A	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:45	07/24/25
L2546665-05	5PTCOMP-3	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:50	07/24/25
L2546665-06	5PTCOMP-3A	SOIL	RAMSEY HIGH SCHOOL	07/24/25 13:55	07/24/25

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
Report Date: 08/01/25

**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)?	YES
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?	YES
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	YES

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



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Case Narrative

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

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

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

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

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

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

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Case Narrative (continued)

Report Submission

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

DKQP Related Narratives

Sample Receipt

The analyses performed were specified by the client.

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.

NJ EPH

In reference to question 4:

WG2096121-4: 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.

Pesticides

In reference to question 4:

L2546665-01, -03, and -05: One or more dual column RPDs are above the acceptance criteria. For results above the reporting limit that yield RPDs greater than 100%, re-analysis on dilution will also be reported. For any target hits greater than 100% that have co-eluting analytes on one column, a further dilution is not required and the lower value is reported. Please refer to the sample results and/or QC section of the report for specific details.

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Case Narrative (continued)

Total Metals

L2546665-01, -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.

Cyanide, Total

In reference to question 4:

The WG2096075-2 LCS recovery associated with L2546665-01, -03, and -05 is outside our in-house acceptance criteria for cyanide, total (78%), but within the vendor-certified acceptance limits. The results of the original analysis are reported.

Chromium, Hexavalent

In reference to question 4:

The WG2096706-5 Soluble MS recovery performed on L2546665-03 was outside the acceptance criteria for chromium, hexavalent (47%). This has been attributed to matrix interference. A post-spike was performed with a recovery of 98%. The entire sample batch was re-prepped and re-analyzed. Both sets of data are included in the data package.

Non-DKQP Related Narratives

Diesel Range Organics

WG2096573-3 and WG2096573-4: One or more compounds failed to meet the recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

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

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 08/01/25

QC OUTLIER SUMMARY REPORT

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Semivolatile Organics by GC/MS - Westborough Lab								
8270E	Batch QC	WG2096094-2	3,3'-Dichlorobenzidine	LCS	69	70-130	01,03,05	potential low bias
8270E	Batch QC	WG2096094-2	Indeno(1,2,3-cd)pyrene	LCS	68	70-130	01,03,05	potential low bias
8270E	Batch QC	WG2096094-2	3-Nitroaniline	LCS	58	70-130	01,03,05	potential low bias
8270E	Batch QC	WG2096094-3	3,3'-Dichlorobenzidine	LCSD	64	70-130	01,03,05	potential low bias
8270E	Batch QC	WG2096094-3	Bis(2-chloroisopropyl)ether	LCSD	65	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
8270E	Batch QC	WG2096094-3	3-Nitroaniline	LCSD	50	70-130	01,03,05	potential low bias
Diesel Range Organics - Westborough Lab								
8015D(M)	Batch QC (L2546665-01)	WG2096573-3	DRO (C10-C28)	MS	390	60-140	01-06	potential high bias
8015D(M)	Batch QC (L2546665-01)	WG2096573-4	DRO (C10-C28)	Duplicate	41	20	01-06	non-directional bias
NJ Extractable Petroleum Hydrocarbons - Westborough Lab								
NJDEP EPH	Batch QC (L2546665-01)	WG2096121-4	C21-C40 Aliphatics	MS	0	40-140	01,03,05	potential low bias
NJDEP EPH	Batch QC (L2546665-01)	WG2096121-4	C21-C36 Aromatics	MS	0	40-140	01,03,05	potential low bias
General Chemistry - Westborough Lab								
9010C/9012B	Batch QC	WG2096075-2	Cyanide, Total	LCS	78	80-120	01,03,05	potential low bias

ORGANICS

SEMIVOLATILES

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01
 Client ID: 5PTCOMP-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 09:17
 Analyst: IMK
 Percent Solids: 91%

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	0.018	J	mg/kg	0.15	0.015	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.017	1
Hexachlorobenzene	ND		mg/kg	0.053	0.017	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.066	0.022	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.14	0.047	1
2,4-Dinitrotoluene	ND		mg/kg	0.091	0.030	1
2,6-Dinitrotoluene	ND		mg/kg	0.072	0.024	1
Fluoranthene	0.78		mg/kg	0.11	0.021	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.18	0.015	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.22	0.021	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.20	0.017	1
Hexachlorobutadiene	ND		mg/kg	0.068	0.023	1
Hexachlorocyclopentadiene	ND		mg/kg	0.52	0.12	1
Hexachloroethane	ND		mg/kg	0.089	0.030	1
Isophorone	ND		mg/kg	0.061	0.020	1
Naphthalene	0.079	J	mg/kg	0.18	0.022	1
Nitrobenzene	ND		mg/kg	0.081	0.027	1
NDPA/DPA	ND		mg/kg	0.045	0.015	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.046	0.015	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.18	0.019	1
Butyl benzyl phthalate	ND		mg/kg	0.18	0.024	1
Di-n-butylphthalate	ND		mg/kg	0.18	0.016	1
Di-n-octylphthalate	ND		mg/kg	0.18	0.057	1
Diethyl phthalate	ND		mg/kg	0.18	0.016	1
Dimethyl phthalate	ND		mg/kg	0.18	0.018	1
Benzo(a)anthracene	0.51		mg/kg	0.061	0.020	1
Benzo(a)pyrene	0.72		mg/kg	0.13	0.045	1
Benzo(b)fluoranthene	0.82		mg/kg	0.046	0.015	1

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01

Date Collected: 07/24/25 13:30

Client ID: 5PTCOMP-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
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(k)fluoranthene	0.25		mg/kg	0.038	0.013	1
Chrysene	0.54		mg/kg	0.11	0.019	1
Acenaphthylene	0.16		mg/kg	0.15	0.020	1
Anthracene	0.18		mg/kg	0.11	0.016	1
Benzo(ghi)perylene	0.55		mg/kg	0.15	0.021	1
Fluorene	0.037	J	mg/kg	0.18	0.018	1
Phenanthrene	0.26		mg/kg	0.11	0.013	1
Dibenzo(a,h)anthracene	0.12		mg/kg	0.064	0.021	1
Indeno(1,2,3-cd)pyrene	0.40		mg/kg	0.077	0.025	1
Pyrene	0.88		mg/kg	0.11	0.016	1
4-Chloroaniline	ND		mg/kg	0.18	0.021	1
2-Nitroaniline	ND		mg/kg	0.18	0.034	1
3-Nitroaniline	ND		mg/kg	0.18	0.034	1
4-Nitroaniline	ND		mg/kg	0.18	0.076	1
Dibenzofuran	0.024	J	mg/kg	0.18	0.016	1
2-Methylnaphthalene	0.056	J	mg/kg	0.22	0.019	1
2,4,6-Trichlorophenol	ND		mg/kg	0.10	0.035	1
p-Chloro-m-cresol	ND		mg/kg	0.18	0.027	1
2-Chlorophenol	ND		mg/kg	0.060	0.020	1
2,4-Dichlorophenol	ND		mg/kg	0.088	0.029	1
2,4-Dimethylphenol	ND		mg/kg	0.17	0.058	1
2-Nitrophenol	ND		mg/kg	0.39	0.030	1
2,4-Dinitrophenol	ND		mg/kg	0.26	0.085	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.26	0.088	1
Pentachlorophenol	ND		mg/kg	0.12	0.040	1
Phenol	ND		mg/kg	0.18	0.022	1
2-Methylphenol	ND		mg/kg	0.18	0.028	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.26	0.026	1
2,4,5-Trichlorophenol	ND		mg/kg	0.18	0.035	1
Carbazole	0.036	J	mg/kg	0.18	0.012	1
4-Nitrophenol	ND		mg/kg	0.26	0.051	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.18	0.020	1
Benzaldehyde	ND		mg/kg	0.24	0.028	1
Caprolactam	ND		mg/kg	0.18	0.039	1
Acetophenone	ND		mg/kg	0.18	0.019	1
Biphenyl	ND		mg/kg	0.42	0.024	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.18	0.019	1



Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-01

Date Collected: 07/24/25 13:30

Client ID: 5PTCOMP-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
Semivolatile Organics by GC/MS - Westborough Lab						
Atrazine	ND		mg/kg	0.15	0.064	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.18	0.037	1
1,4-Dioxane	ND		mg/kg	0.027	0.0083	1

Tentatively Identified Compounds

Total TIC Compounds	0.318	J	mg/kg			1
Unknown Organic Acid	0.318	J	mg/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		30-130
Phenol-d6	81		30-130
Nitrobenzene-d5	83		30-130
2-Fluorobiphenyl	76		30-130
2,4,6-Tribromophenol	92		30-130
4-Terphenyl-d14	79		30-130

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03
 Client ID: 5PTCOMP-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 09:35
 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	0.048	J	mg/kg	0.15	0.015	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.018	1
Hexachlorobenzene	ND		mg/kg	0.053	0.018	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.066	0.022	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.14	0.047	1
2,4-Dinitrotoluene	ND		mg/kg	0.092	0.031	1
2,6-Dinitrotoluene	ND		mg/kg	0.073	0.024	1
Fluoranthene	3.4		mg/kg	0.11	0.021	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.18	0.015	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.22	0.021	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.20	0.018	1
Hexachlorobutadiene	ND		mg/kg	0.068	0.023	1
Hexachlorocyclopentadiene	ND		mg/kg	0.53	0.12	1
Hexachloroethane	ND		mg/kg	0.090	0.030	1
Isophorone	ND		mg/kg	0.062	0.021	1
Naphthalene	0.15	J	mg/kg	0.18	0.022	1
Nitrobenzene	ND		mg/kg	0.082	0.027	1
NDPA/DPA	ND		mg/kg	0.045	0.015	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.046	0.015	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.18	0.019	1
Butyl benzyl phthalate	ND		mg/kg	0.18	0.024	1
Di-n-butylphthalate	ND		mg/kg	0.18	0.016	1
Di-n-octylphthalate	ND		mg/kg	0.18	0.058	1
Diethyl phthalate	ND		mg/kg	0.18	0.017	1
Dimethyl phthalate	ND		mg/kg	0.18	0.018	1
Benzo(a)anthracene	2.0		mg/kg	0.062	0.021	1
Benzo(a)pyrene	2.5		mg/kg	0.13	0.045	1
Benzo(b)fluoranthene	3.0		mg/kg	0.046	0.015	1



Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03

Date Collected: 07/24/25 13:40

Client ID: 5PTCOMP-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
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(k)fluoranthene	0.94		mg/kg	0.039	0.013	1
Chrysene	2.1		mg/kg	0.11	0.019	1
Acenaphthylene	0.62		mg/kg	0.15	0.021	1
Anthracene	0.51		mg/kg	0.11	0.016	1
Benzo(ghi)perylene	1.4		mg/kg	0.15	0.022	1
Fluorene	0.10	J	mg/kg	0.18	0.018	1
Phenanthrene	1.1		mg/kg	0.11	0.013	1
Dibenzo(a,h)anthracene	0.39		mg/kg	0.064	0.021	1
Indeno(1,2,3-cd)pyrene	1.2		mg/kg	0.077	0.026	1
Pyrene	3.0		mg/kg	0.11	0.016	1
4-Chloroaniline	ND		mg/kg	0.18	0.021	1
2-Nitroaniline	ND		mg/kg	0.18	0.034	1
3-Nitroaniline	ND		mg/kg	0.18	0.035	1
4-Nitroaniline	ND		mg/kg	0.18	0.076	1
Dibenzofuran	0.051	J	mg/kg	0.18	0.016	1
2-Methylnaphthalene	0.12	J	mg/kg	0.22	0.020	1
2,4,6-Trichlorophenol	ND		mg/kg	0.10	0.035	1
p-Chloro-m-cresol	ND		mg/kg	0.18	0.027	1
2-Chlorophenol	ND		mg/kg	0.061	0.020	1
2,4-Dichlorophenol	ND		mg/kg	0.088	0.030	1
2,4-Dimethylphenol	ND		mg/kg	0.18	0.059	1
2-Nitrophenol	ND		mg/kg	0.40	0.030	1
2,4-Dinitrophenol	ND		mg/kg	0.26	0.086	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.26	0.088	1
Pentachlorophenol	ND		mg/kg	0.12	0.040	1
Phenol	ND		mg/kg	0.18	0.022	1
2-Methylphenol	ND		mg/kg	0.18	0.028	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.26	0.027	1
2,4,5-Trichlorophenol	ND		mg/kg	0.18	0.035	1
Carbazole	0.10	J	mg/kg	0.18	0.012	1
4-Nitrophenol	ND		mg/kg	0.26	0.051	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.18	0.020	1
Benzaldehyde	ND		mg/kg	0.24	0.029	1
Caprolactam	ND		mg/kg	0.18	0.039	1
Acetophenone	ND		mg/kg	0.18	0.019	1
Biphenyl	ND		mg/kg	0.42	0.024	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.18	0.019	1



Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03

Date Collected: 07/24/25 13:40

Client ID: 5PTCOMP-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
Semivolatile Organics by GC/MS - Westborough Lab						
Atrazine	ND		mg/kg	0.15	0.064	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.18	0.037	1
1,4-Dioxane	ND		mg/kg	0.028	0.0084	1

Tentatively Identified Compounds

Total TIC Compounds	4.70	J	mg/kg			1
Unknown	0.472	J	mg/kg			1
Unknown PAH	0.161	J	mg/kg			1
Unknown	0.373	J	mg/kg			1
Unknown	0.717	J	mg/kg			1
Unknown	0.714	J	mg/kg			1
Unknown	0.533	J	mg/kg			1
Unknown PAH	0.216	J	mg/kg			1
Unknown	0.166	J	mg/kg			1
Unknown PAH	0.206	J	mg/kg			1
Unknown PAH	0.252	J	mg/kg			1
Unknown PAH	0.396	J	mg/kg			1
Unknown PAH	0.494	J	mg/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		30-130
Phenol-d6	71		30-130
Nitrobenzene-d5	72		30-130
2-Fluorobiphenyl	76		30-130
2,4,6-Tribromophenol	85		30-130
4-Terphenyl-d14	69		30-130

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-05
 Client ID: 5PTCOMP-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 09:54
 Analyst: IMK
 Percent Solids: 82%

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	0.049	J	mg/kg	0.16	0.017	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.019	1
Hexachlorobenzene	ND		mg/kg	0.058	0.019	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.073	0.024	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.15	0.052	1
2,4-Dinitrotoluene	ND		mg/kg	0.10	0.033	1
2,6-Dinitrotoluene	ND		mg/kg	0.080	0.027	1
Fluoranthene	1.6		mg/kg	0.12	0.023	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.20	0.017	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.24	0.023	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.22	0.019	1
Hexachlorobutadiene	ND		mg/kg	0.075	0.025	1
Hexachlorocyclopentadiene	ND		mg/kg	0.58	0.13	1
Hexachloroethane	ND		mg/kg	0.098	0.033	1
Isophorone	ND		mg/kg	0.068	0.022	1
Naphthalene	0.10	J	mg/kg	0.20	0.024	1
Nitrobenzene	ND		mg/kg	0.090	0.030	1
NDPA/DPA	ND		mg/kg	0.050	0.016	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.051	0.017	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.20	0.021	1
Butyl benzyl phthalate	ND		mg/kg	0.20	0.027	1
Di-n-butylphthalate	ND		mg/kg	0.20	0.018	1
Di-n-octylphthalate	ND		mg/kg	0.20	0.063	1
Diethyl phthalate	ND		mg/kg	0.20	0.018	1
Dimethyl phthalate	ND		mg/kg	0.20	0.019	1
Benzo(a)anthracene	0.99		mg/kg	0.068	0.023	1
Benzo(a)pyrene	1.5		mg/kg	0.15	0.049	1
Benzo(b)fluoranthene	1.6		mg/kg	0.051	0.017	1

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-05

Date Collected: 07/24/25 13:50

Client ID: 5PTCOMP-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
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(k)fluoranthene	0.56		mg/kg	0.042	0.014	1
Chrysene	1.0		mg/kg	0.12	0.021	1
Acenaphthylene	0.42		mg/kg	0.16	0.022	1
Anthracene	0.46		mg/kg	0.12	0.018	1
Benzo(ghi)perylene	0.75		mg/kg	0.16	0.024	1
Fluorene	0.090	J	mg/kg	0.20	0.019	1
Phenanthrene	0.68		mg/kg	0.12	0.014	1
Dibenzo(a,h)anthracene	0.16		mg/kg	0.070	0.023	1
Indeno(1,2,3-cd)pyrene	0.55		mg/kg	0.085	0.028	1
Pyrene	1.7		mg/kg	0.12	0.018	1
4-Chloroaniline	ND		mg/kg	0.20	0.023	1
2-Nitroaniline	ND		mg/kg	0.20	0.037	1
3-Nitroaniline	ND		mg/kg	0.20	0.038	1
4-Nitroaniline	ND		mg/kg	0.20	0.084	1
Dibenzofuran	0.038	J	mg/kg	0.20	0.018	1
2-Methylnaphthalene	0.10	J	mg/kg	0.24	0.021	1
2,4,6-Trichlorophenol	ND		mg/kg	0.12	0.038	1
p-Chloro-m-cresol	ND		mg/kg	0.20	0.030	1
2-Chlorophenol	ND		mg/kg	0.066	0.022	1
2,4-Dichlorophenol	ND		mg/kg	0.097	0.032	1
2,4-Dimethylphenol	ND		mg/kg	0.19	0.064	1
2-Nitrophenol	ND		mg/kg	0.44	0.033	1
2,4-Dinitrophenol	ND		mg/kg	0.29	0.094	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.29	0.097	1
Pentachlorophenol	ND		mg/kg	0.13	0.044	1
Phenol	ND		mg/kg	0.20	0.024	1
2-Methylphenol	ND		mg/kg	0.20	0.031	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.29	0.029	1
2,4,5-Trichlorophenol	ND		mg/kg	0.20	0.039	1
Carbazole	0.078	J	mg/kg	0.20	0.013	1
4-Nitrophenol	ND		mg/kg	0.28	0.056	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.20	0.022	1
Benzaldehyde	ND		mg/kg	0.27	0.031	1
Caprolactam	ND		mg/kg	0.20	0.043	1
Acetophenone	ND		mg/kg	0.20	0.021	1
Biphenyl	ND		mg/kg	0.46	0.026	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.20	0.021	1



Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-05

Date Collected: 07/24/25 13:50

Client ID: 5PTCOMP-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
Semivolatile Organics by GC/MS - Westborough Lab						
Atrazine	ND		mg/kg	0.16	0.071	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.20	0.041	1
1,4-Dioxane	ND		mg/kg	0.030	0.0092	1

Tentatively Identified Compounds

Total TIC Compounds	1.86	J	mg/kg			1
Unknown PAH	0.445	J	mg/kg			1
Unknown PAH	0.292	J	mg/kg			1
Unknown PAH	0.243	J	mg/kg			1
Unknown	0.878	J	mg/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		30-130
Phenol-d6	73		30-130
Nitrobenzene-d5	73		30-130
2-Fluorobiphenyl	81		30-130
2,4,6-Tribromophenol	75		30-130
4-Terphenyl-d14	64		30-130

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
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
Hexachlorobenzene	ND		mg/kg	0.048	0.016
Bis(2-chloroethyl)ether	ND		mg/kg	0.059	0.020
3,3'-Dichlorobenzidine	ND		mg/kg	0.13	0.042
2,4-Dinitrotoluene	ND		mg/kg	0.082	0.027
2,6-Dinitrotoluene	ND		mg/kg	0.065	0.022
Fluoranthene	ND		mg/kg	0.099	0.019
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.014
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.20	0.019
Bis(2-chloroethoxy)methane	ND		mg/kg	0.18	0.016
Hexachlorobutadiene	ND		mg/kg	0.061	0.020
Hexachlorocyclopentadiene	ND		mg/kg	0.47	0.10
Hexachloroethane	ND		mg/kg	0.080	0.027
Isophorone	ND		mg/kg	0.055	0.018
Naphthalene	ND		mg/kg	0.16	0.020
Nitrobenzene	ND		mg/kg	0.073	0.024
NDPA/DPA	ND		mg/kg	0.040	0.013
n-Nitrosodi-n-propylamine	ND		mg/kg	0.042	0.014
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.16	0.017
Butyl benzyl phthalate	ND		mg/kg	0.16	0.022
Di-n-butylphthalate	ND		mg/kg	0.16	0.014
Di-n-octylphthalate	ND		mg/kg	0.16	0.051
Diethyl phthalate	ND		mg/kg	0.16	0.015
Dimethyl phthalate	ND		mg/kg	0.16	0.016
Benzo(a)anthracene	ND		mg/kg	0.055	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



Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
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					
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
4-Chloroaniline	ND		mg/kg	0.16	0.019
2-Nitroaniline	ND		mg/kg	0.16	0.030
3-Nitroaniline	ND		mg/kg	0.16	0.031
4-Nitroaniline	ND		mg/kg	0.16	0.068
Dibenzofuran	ND		mg/kg	0.16	0.014
2-Methylnaphthalene	ND		mg/kg	0.20	0.017
2,4,6-Trichlorophenol	ND		mg/kg	0.094	0.031
p-Chloro-m-cresol	ND		mg/kg	0.16	0.024
2-Chlorophenol	ND		mg/kg	0.054	0.018
2,4-Dichlorophenol	ND		mg/kg	0.079	0.026
2,4-Dimethylphenol	ND		mg/kg	0.16	0.052
2-Nitrophenol	ND		mg/kg	0.36	0.027
2,4-Dinitrophenol	ND		mg/kg	0.24	0.077
4,6-Dinitro-o-cresol	ND		mg/kg	0.24	0.079
Pentachlorophenol	ND		mg/kg	0.11	0.036
Phenol	ND		mg/kg	0.16	0.020
2-Methylphenol	ND		mg/kg	0.16	0.026
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.24	0.024
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.032
Carbazole	ND		mg/kg	0.16	0.010



Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
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					
4-Nitrophenol	ND		mg/kg	0.23	0.046
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.018
Benzaldehyde	ND		mg/kg	0.22	0.026
Caprolactam	ND		mg/kg	0.16	0.035
Acetophenone	ND		mg/kg	0.16	0.017
Biphenyl	ND		mg/kg	0.38	0.021
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.017
Atrazine	ND		mg/kg	0.13	0.058
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.033
1,4-Dioxane	ND		mg/kg	0.025	0.0075

Tentatively Identified Compounds

No Tentatively Identified Compounds ND mg/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		30-130
Phenol-d6	70		30-130
Nitrobenzene-d5	67		30-130
2-Fluorobiphenyl	67		30-130
2,4,6-Tribromophenol	73		30-130
4-Terphenyl-d14	69		30-130



Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

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
Hexachlorobenzene	81		74		70-130	9		30
Bis(2-chloroethyl)ether	78		71		70-130	9		30
3,3'-Dichlorobenzidine	69	Q	64	Q	70-130	8		30
2,4-Dinitrotoluene	80		75		70-130	6		30
2,6-Dinitrotoluene	82		74		70-130	10		30
Fluoranthene	79		71		70-130	11		30
4-Chlorophenyl phenyl ether	78		72		70-130	8		30
Bis(2-chloroisopropyl)ether	71		65	Q	70-130	9		30
Bis(2-chloroethoxy)methane	79		73		70-130	8		30
Hexachlorobutadiene	82		75		70-130	9		30
Hexachlorocyclopentadiene	76		72		20-160	5		30
Hexachloroethane	82		75		20-160	9		30
Isophorone	78		71		70-130	9		30
Naphthalene	78		72		70-130	8		30
Nitrobenzene	79		72		70-130	9		30
NDPA/DPA	76		71		70-130	7		30
n-Nitrosodi-n-propylamine	80		72		70-130	11		30
Bis(2-ethylhexyl)phthalate	78		74		70-130	5		30
Butyl benzyl phthalate	85		76		70-130	11		30
Di-n-butylphthalate	82		76		70-130	8		30
Di-n-octylphthalate	81		76		70-130	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

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								
Diethyl phthalate	79		74		70-130	7		30
Dimethyl phthalate	80		72		70-130	11		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
4-Chloroaniline	50		47		20-160	6		30
2-Nitroaniline	82		77		70-130	6		30
3-Nitroaniline	58	Q	50	Q	70-130	15		30
4-Nitroaniline	81		74		70-130	9		30
Dibenzofuran	76		71		70-130	7		30
2-Methylnaphthalene	79		74		70-130	7		30
2,4,6-Trichlorophenol	82		77		70-130	6		30
p-Chloro-m-cresol	82		77		70-130	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

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								
2-Chlorophenol	82		74		70-130	10		30
2,4-Dichlorophenol	83		75		70-130	10		30
2,4-Dimethylphenol	81		72		70-130	12		30
2-Nitrophenol	84		77		70-130	9		30
2,4-Dinitrophenol	67		62		20-160	8		30
4,6-Dinitro-o-cresol	86		81		70-130	6		30
Pentachlorophenol	74		67		20-160	10		30
Phenol	78		71		20-160	9		30
2-Methylphenol	80		74		70-130	8		30
3-Methylphenol/4-Methylphenol	81		74		20-160	9		30
2,4,5-Trichlorophenol	89		80		70-130	11		30
Carbazole	79		73		70-130	8		30
4-Nitrophenol	93		87		20-160	7		30
4-Bromophenyl phenyl ether	78		73		70-130	7		30
Benzaldehyde	90		83		20-160	8		30
Caprolactam	92		84		20-160	9		30
Acetophenone	92		83		70-130	10		30
Biphenyl	83		77		70-130	8		30
1,2,4,5-Tetrachlorobenzene	84		78		70-130	7		30
Atrazine	82		74		70-130	10		30
2,3,4,6-Tetrachlorophenol	82		78		70-130	5		30
1,4-Dioxane	60		56		20-160	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

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
2-Fluorophenol	82		74		30-130
Phenol-d6	80		73		30-130
Nitrobenzene-d5	79		70		30-130
2-Fluorobiphenyl	76		71		30-130
2,4,6-Tribromophenol	90		83		30-130
4-Terphenyl-d14	76		68		30-130

PETROLEUM HYDROCARBONS

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-01
 Client ID: 5PTCOMP-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: 1,8015D(M)
 Analytical Date: 07/30/25 13:21
 Analyst: SBR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 07/29/25 17:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	270		mg/kg	35	1.9	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	71			40-140		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-01
 Client ID: 5PTCOMP-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: 1,8015D(M)
 Analytical Date: 08/01/25 00:27
 Analyst: BAD
 Percent Solids: 91%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1.6	J	mg/kg	2.7	1.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	100			70-130		
4-Bromofluorobenzene	101			70-130		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-01
 Client ID: 5PTCOMP-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: 103,NJDEP EPH
 Analytical Date: 07/29/25 09:57
 Analyst: MTC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:41
 Cleanup Method: NJDEP EPH
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C12 Aliphatics	ND		mg/kg	8.39	8.39	1
C12-C16 Aliphatics	ND		mg/kg	5.59	5.59	1
C16-C21 Aliphatics	17.2		mg/kg	8.39	8.39	1
C21-C40 Aliphatics	284		mg/kg	28.0	28.0	1
C10-C12 Aromatics	ND		mg/kg	5.59	5.59	1
C12-C16 Aromatics	ND		mg/kg	8.39	8.39	1
C16-C21 Aromatics	19.8		mg/kg	14.0	14.0	1
C21-C36 Aromatics	161		mg/kg	22.4	22.4	1
Total EPH	482		mg/kg	5.59	5.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	85		40-140
o-Terphenyl	100		40-140
2-Fluorobiphenyl	102		40-140
2-Bromonaphthalene	102		40-140

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-02
 Client ID: 5PTCOMP-1A
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:35
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 07/30/25 14:36
 Analyst: SBR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/29/25 17:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	240		mg/kg	36	2.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	80			40-140		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-02
 Client ID: 5PTCOMP-1A
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:35
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 08/01/25 01:59
 Analyst: BAD
 Percent Solids: 88%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	4.2		mg/kg	2.7	1.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	102			70-130		
4-Bromofluorobenzene	100			70-130		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-03
 Client ID: 5PTCOMP-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: 1,8015D(M)
 Analytical Date: 07/30/25 15:01
 Analyst: SBR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 07/29/25 17:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	240		mg/kg	37	2.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	73			40-140		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-03
 Client ID: 5PTCOMP-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: 1,8015D(M)
 Analytical Date: 08/01/25 02:29
 Analyst: BAD
 Percent Solids: 89%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	2.1	J	mg/kg	2.7	1.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	101			70-130		
4-Bromofluorobenzene	103			70-130		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-03
 Client ID: 5PTCOMP-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: 103,NJDEP EPH
 Analytical Date: 07/29/25 11:40
 Analyst: MTC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:41
 Cleanup Method: NJDEP EPH
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C12 Aliphatics	ND		mg/kg	8.59	8.59	1
C12-C16 Aliphatics	ND		mg/kg	5.72	5.72	1
C16-C21 Aliphatics	11.1		mg/kg	8.59	8.59	1
C21-C40 Aliphatics	159		mg/kg	28.6	28.6	1
C10-C12 Aromatics	ND		mg/kg	5.72	5.72	1
C12-C16 Aromatics	ND		mg/kg	8.59	8.59	1
C16-C21 Aromatics	19.3		mg/kg	14.3	14.3	1
C21-C36 Aromatics	107		mg/kg	22.9	22.9	1
Total EPH	296		mg/kg	5.72	5.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	81		40-140
o-Terphenyl	79		40-140
2-Fluorobiphenyl	83		40-140
2-Bromonaphthalene	83		40-140

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-04
 Client ID: 5PTCOMP-2A
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:45
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 07/30/25 13:21
 Analyst: SBR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/29/25 17:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	410		mg/kg	36	2.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	79			40-140		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-04
 Client ID: 5PTCOMP-2A
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:45
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 08/01/25 03:00
 Analyst: BAD
 Percent Solids: 90%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	5.2		mg/kg	2.8	1.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	102			70-130		
4-Bromofluorobenzene	101			70-130		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-05
 Client ID: 5PTCOMP-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: 1,8015D(M)
 Analytical Date: 07/30/25 13:46
 Analyst: SBR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 07/29/25 17:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	580		mg/kg	40	2.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	77			40-140		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-05
 Client ID: 5PTCOMP-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: 1,8015D(M)
 Analytical Date: 08/01/25 03:30
 Analyst: BAD
 Percent Solids: 82%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	2.0	J	mg/kg	3.1	1.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	101			70-130		
4-Bromofluorobenzene	103			70-130		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-05
 Client ID: 5PTCOMP-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: 103,NJDEP EPH
 Analytical Date: 07/29/25 12:15
 Analyst: MTC
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:41
 Cleanup Method: NJDEP EPH
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C12 Aliphatics	ND		mg/kg	9.57	9.57	1
C12-C16 Aliphatics	9.04		mg/kg	6.38	6.38	1
C16-C21 Aliphatics	31.7		mg/kg	9.57	9.57	1
C21-C40 Aliphatics	411		mg/kg	31.9	31.9	1
C10-C12 Aromatics	ND		mg/kg	6.38	6.38	1
C12-C16 Aromatics	ND		mg/kg	9.57	9.57	1
C16-C21 Aromatics	33.9		mg/kg	16.0	16.0	1
C21-C36 Aromatics	216		mg/kg	25.5	25.5	1
Total EPH	702		mg/kg	6.38	6.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		40-140
o-Terphenyl	77		40-140
2-Fluorobiphenyl	85		40-140
2-Bromonaphthalene	85		40-140

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-06
 Client ID: 5PTCOMP-3A
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:55
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 07/30/25 14:36
 Analyst: SBR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/29/25 17:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	190		mg/kg	35	1.9	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	78			40-140		

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-06
 Client ID: 5PTCOMP-3A
 Sample Location: RAMSEY HIGH SCHOOL

Date Collected: 07/24/25 13:55
 Date Received: 07/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 08/01/25 04:01
 Analyst: BAD
 Percent Solids: 90%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	1.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	103			70-130		
4-Bromofluorobenzene	105			70-130		

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
 Analytical Date: 07/29/25 09:22
 Analyst: MTC

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:41
 Cleanup Method: NJDEP EPH
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01,03,05 Batch: WG2096121-1					
C9-C12 Aliphatics	ND		mg/kg	7.74	7.74
C12-C16 Aliphatics	ND		mg/kg	5.16	5.16
C16-C21 Aliphatics	ND		mg/kg	7.74	7.74
C21-C40 Aliphatics	ND		mg/kg	25.8	25.8
C10-C12 Aromatics	ND		mg/kg	5.16	5.16
C12-C16 Aromatics	ND		mg/kg	7.74	7.74
C16-C21 Aromatics	ND		mg/kg	12.9	12.9
C21-C36 Aromatics	ND		mg/kg	20.6	20.6
Total EPH	ND		mg/kg	5.16	5.16

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	76		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	77		40-140

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
Report Date: 08/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 07/30/25 10:02
Analyst: SBR

Extraction Method: EPA 3546
Extraction Date: 07/29/25 17:48

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 01-06 Batch: WG2096573-1					
DRO (C10-C28)	ND		mg/kg	32	1.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
Report Date: 08/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 07/31/25 23:56
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-06 Batch: WG2097898-4					
Gasoline Range Organics	ND		mg/kg	2.5	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	110		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096121-2 WG2096121-3								
C9-C12 Aliphatics	86		83		40-140	4		25
C12-C16 Aliphatics	100		97		40-140	3		25
C16-C21 Aliphatics	102		104		40-140	2		25
C21-C40 Aliphatics	103		105		40-140	2		25
C10-C12 Aromatics	90		83		40-140	8		25
C12-C16 Aromatics	97		107		40-140	10		25
C16-C21 Aromatics	101		98		40-140	3		25
C21-C36 Aromatics	94		93		40-140	1		25
Nonane (C9)	77		74		40-140	4		25
Decane (C10)	86		83		40-140	4		25
Dodecane (C12)	82		79		40-140	4		25
Tetradecane (C14)	95		92		40-140	3		25
Hexadecane (C16)	97		95		40-140	2		25
Octadecane (C18)	97		95		40-140	2		25
Eicosane (C20)	99		98		40-140	1		25
Heneicosane (C21)	98		97		40-140	1		25
Docosane (C22)	98		97		40-140	1		25
Tetracosane (C24)	98		98		40-140	0		25
Hexacosane (C26)	98		97		40-140	1		25
Octacosane (C28)	99		99		40-140	0		25
triacontane (C30)	99		99		40-140	0		25
Dotriacontane (C32)	100		100		40-140	0		25
Tetratriacontane (C34)	96		97		40-140	1		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096121-2 WG2096121-3								
Hexatriacontane (C36)	96		99		40-140	3		25
Octatriacontane (C38)	94		97		40-140	3		25
Tetracontane (C40)	92		96		40-140	4		25
Acenaphthene	94		89		40-140	5		25
Acenaphthylene	86		82		40-140	5		25
Anthracene	96		92		40-140	4		25
Benzo(a)anthracene	94		93		40-140	1		25
Benzo(a)pyrene	89		88		40-140	1		25
Benzo(b)fluoranthene	96		94		40-140	2		25
Benzo(ghi)perylene	81		83		40-140	2		25
Benzo(k)fluoranthene	91		90		40-140	1		25
Chrysene	92		90		40-140	2		25
Dibenzo(a,h)anthracene	88		87		40-140	1		25
Fluoranthene	98		94		40-140	4		25
Fluorene	96		91		40-140	5		25
Indeno(1,2,3-cd)Pyrene	89		88		40-140	1		25
2-Methylnaphthalene	99		93		40-140	6		25
Naphthalene	87		82		40-140	6		25
Phenanthrene	96		92		40-140	4		25
Pyrene	98		95		40-140	3		25
1,2,3-Trimethylbenzene	82		77		40-140	6		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096121-2 WG2096121-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	80		79		40-140
o-Terphenyl	80		79		40-140
2-Fluorobiphenyl	83		78		40-140
2-Bromonaphthalene	84		78		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 01-06 Batch: WG2096573-2								
DRO (C10-C28)	109		-		60-140	-		

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

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-06 Batch: WG2097898-2 WG2097898-3								
Gasoline Range Organics	98		93		80-120	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	98		105		70-130
4-Bromofluorobenzene	102		108		70-130

Matrix Spike Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096121-4 QC Sample: L2546665-01 Client ID: 5PTCOMP-1												
C9-C12 Aliphatics	ND	21.6	11.7	54		-	-		40-140	-		50
C12-C16 Aliphatics	ND	14.4	16.5	115		-	-		40-140	-		50
C16-C21 Aliphatics	17.2	21.6	33.4	75		-	-		40-140	-		50
C21-C40 Aliphatics	284	72	264	0	Q	-	-		40-140	-		50
C10-C12 Aromatics	ND	14.4	11.6	80		-	-		40-140	-		50
C12-C16 Aromatics	ND	21.6	23.6	109		-	-		40-140	-		50
C16-C21 Aromatics	19.8	36	46.5	74		-	-		40-140	-		50
C21-C36 Aromatics	161	57.6	147	0	Q	-	-		40-140	-		50
Nonane (C9)	ND	7.2	4.93	68		-	-		40-140	-		50
Decane (C10)	ND	7.2	5.61	78		-	-		40-140	-		50
Dodecane (C12)	ND	7.2	5.40	75		-	-		40-140	-		50
Tetradecane (C14)	ND	7.2	6.68	93		-	-		40-140	-		50
Hexadecane (C16)	ND	7.2	6.94	96		-	-		40-140	-		50
Octadecane (C18)	ND	7.2	6.92	96		-	-		40-140	-		50
Eicosane (C20)	ND	7.2	7.12	99		-	-		40-140	-		50
Heneicosane (C21)	ND	7.2	6.93	96		-	-		40-140	-		50
Docosane (C22)	ND	7.2	7.15	99		-	-		40-140	-		50
Tetracosane (C24)	ND	7.2	7.04	98		-	-		40-140	-		50
Hexacosane (C26)	ND	7.2	7.07	98		-	-		40-140	-		50
Octacosane (C28)	ND	7.2	7.30	101		-	-		40-140	-		50
Triacontane (C30)	ND	7.2	7.12	99		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.2	7.26	101		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.2	6.99	97		-	-		40-140	-		50

Matrix Spike Analysis
Batch Quality Control

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096121-4 QC Sample: L2546665-01 Client ID: 5PTCOMP-1												
Hexatriacontane (C36)	ND	7.2	7.20	100		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.2	7.22	100		-	-		40-140	-		50
Tetracontane (C40)	ND	7.2	7.15	99		-	-		40-140	-		50
Acenaphthene	ND	7.2	6.24	87		-	-		40-140	-		50
Acenaphthylene	ND	7.2	5.68	79		-	-		40-140	-		50
Anthracene	ND	7.2	6.58	91		-	-		40-140	-		50
Benzo(a)anthracene	ND	7.2	7.23	100		-	-		40-140	-		50
Benzo(a)pyrene	ND	7.2	7.06	98		-	-		40-140	-		50
Benzo(b)fluoranthene	ND	7.2	7.34	102		-	-		40-140	-		50
Benzo(ghi)perylene	ND	7.2	6.28	87		-	-		40-140	-		50
Benzo(k)fluoranthene	ND	7.2	6.79	94		-	-		40-140	-		50
Chrysene	ND	7.2	7.28	101		-	-		40-140	-		50
Dibenzo(a,h)anthracene	ND	7.2	6.42	89		-	-		40-140	-		50
Fluoranthene	ND	7.2	7.48	104		-	-		40-140	-		50
Fluorene	ND	7.2	6.35	88		-	-		40-140	-		50
Indeno(1,2,3-cd)Pyrene	ND	7.2	6.52	90		-	-		40-140	-		50
2-Methylnaphthalene	ND	7.2	6.39	89		-	-		40-140	-		50
Naphthalene	ND	7.2	5.51	76		-	-		40-140	-		50
Phenanthrene	ND	7.2	6.67	93		-	-		40-140	-		50
Pyrene	ND	7.2	7.66	106		-	-		40-140	-		50
1,2,3-Trimethylbenzene	ND	7.2	5.06	70		-	-		40-140	-		50

Matrix Spike Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096121-4 QC Sample: L2546665-01
Client ID: 5PTCOMP-1

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
2-Bromonaphthalene	82				40-140
2-Fluorobiphenyl	81				40-140
Chloro-Octadecane	76				40-140
o-Terphenyl	74				40-140

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Diesel Range Organics - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2096573-3 QC Sample: L2546665-01 Client ID: 5PTCOMP-1

DRO (C10-C28)	270	70.9	550	390	Q	-	-		60-140	-		20
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<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
o-Terphenyl	76				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2097898-6 QC Sample: L2546665-01 Client ID: 5PTCOMP-1												
Gasoline Range Organics	1.6J	21.7	21	96		-	-		80-120	-		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97				70-130
4-Bromofluorobenzene	99				70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096121-5 QC Sample: L2546665-01 Client ID: 5PTCOMP-1						
C9-C12 Aliphatics	ND	ND	mg/kg	NC		50
C12-C16 Aliphatics	ND	ND	mg/kg	NC		50
C16-C21 Aliphatics	17.2	18.2	mg/kg	6		50
C21-C40 Aliphatics	284	303	mg/kg	6		50
C10-C12 Aromatics	ND	ND	mg/kg	NC		50
C12-C16 Aromatics	ND	ND	mg/kg	NC		50
C16-C21 Aromatics	19.8	17.5	mg/kg	12		50
C21-C36 Aromatics	161	137	mg/kg	16		50
Total EPH	482	476	mg/kg	1		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	85		77		40-140
o-Terphenyl	100		78		40-140
2-Fluorobiphenyl	102		82		40-140
2-Bromonaphthalene	102		82		40-140

Diesel Range Organics - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2096573-4 QC Sample: L2546665-01 Client ID: 5PTCOMP-1

DRO (C10-C28)	270	410	mg/kg	41	Q	20
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		70		40-140

Lab Duplicate Analysis

Batch Quality Control

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2097898-5 QC Sample: L2546665-01 Client ID: 5PTCOMP-1						
Gasoline Range Organics	1.6J	2.4J	mg/kg	NC		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		100		70-130
4-Bromofluorobenzene	101		100		70-130

PCBS

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01
 Client ID: 5PTCOMP-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 10:52
 Analyst: AD
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 17:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/28/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/28/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0517	0.00459	1	A
Aroclor 1221	ND		mg/kg	0.0517	0.00518	1	A
Aroclor 1232	ND		mg/kg	0.0517	0.0110	1	A
Aroclor 1242	ND		mg/kg	0.0517	0.00697	1	A
Aroclor 1248	ND		mg/kg	0.0517	0.00776	1	A
Aroclor 1254	ND		mg/kg	0.0517	0.00566	1	A
Aroclor 1260	0.0184	J	mg/kg	0.0517	0.00956	1	B
Aroclor 1262	ND		mg/kg	0.0517	0.00657	1	A
Aroclor 1268	ND		mg/kg	0.0517	0.00536	1	A
PCBs, Total	0.0184	J	mg/kg	0.0517	0.00459	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03
 Client ID: 5PTCOMP-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 11:02
 Analyst: AD
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 17:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/28/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/28/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0521	0.00462	1	A
Aroclor 1221	ND		mg/kg	0.0521	0.00522	1	A
Aroclor 1232	ND		mg/kg	0.0521	0.0110	1	A
Aroclor 1242	ND		mg/kg	0.0521	0.00702	1	A
Aroclor 1248	ND		mg/kg	0.0521	0.00781	1	A
Aroclor 1254	ND		mg/kg	0.0521	0.00570	1	A
Aroclor 1260	0.0114	J	mg/kg	0.0521	0.00962	1	B
Aroclor 1262	ND		mg/kg	0.0521	0.00661	1	A
Aroclor 1268	ND		mg/kg	0.0521	0.00540	1	A
PCBs, Total	0.0114	J	mg/kg	0.0521	0.00462	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-05
 Client ID: 5PTCOMP-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 11:12
 Analyst: AD
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 17:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/28/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/28/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0569	0.00506	1	A
Aroclor 1221	ND		mg/kg	0.0569	0.00570	1	A
Aroclor 1232	ND		mg/kg	0.0569	0.0121	1	A
Aroclor 1242	ND		mg/kg	0.0569	0.00767	1	A
Aroclor 1248	ND		mg/kg	0.0569	0.00854	1	A
Aroclor 1254	ND		mg/kg	0.0569	0.00623	1	A
Aroclor 1260	0.0206	J	mg/kg	0.0569	0.0105	1	A
Aroclor 1262	ND		mg/kg	0.0569	0.00723	1	A
Aroclor 1268	ND		mg/kg	0.0569	0.00590	1	A
PCBs, Total	0.0206	J	mg/kg	0.0569	0.00506	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
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: L2546665

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

PESTICIDES

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01
 Client ID: 5PTCOMP-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: 1,8081B
 Analytical Date: 07/29/25 12:19
 Analyst: EMR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:56
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Pesticides by GC - Westborough Lab							
Delta-BHC	ND		mg/kg	0.00174	0.00034	1	A
Lindane	ND		mg/kg	0.00072	0.00032	1	A
Alpha-BHC	ND		mg/kg	0.00072	0.00020	1	A
Beta-BHC	ND		mg/kg	0.00174	0.00066	1	A
Heptachlor	ND		mg/kg	0.00087	0.00039	1	A
Aldrin	ND		mg/kg	0.00174	0.00061	1	A
Heptachlor epoxide	ND		mg/kg	0.00327	0.00098	1	A
Endrin	ND		mg/kg	0.00072	0.00029	1	A
Endrin aldehyde	ND		mg/kg	0.00218	0.00076	1	A
Endrin ketone	ND		mg/kg	0.00174	0.00044	1	A
Dieldrin	0.0183		mg/kg	0.00109	0.00054	1	B
4,4'-DDE	0.0335		mg/kg	0.00174	0.00040	1	B
4,4'-DDD	0.100		mg/kg	0.00174	0.00062	1	B
4,4'-DDT	0.0498		mg/kg	0.00327	0.00140	1	B
Endosulfan I	ND		mg/kg	0.00174	0.00041	1	A
Endosulfan II	ND		mg/kg	0.00174	0.00058	1	A
Endosulfan sulfate	ND		mg/kg	0.00072	0.00034	1	A
Methoxychlor	ND		mg/kg	0.00327	0.00102	1	A
Toxaphene	ND		mg/kg	0.0327	0.00915	1	A
Chlordane	0.0380		mg/kg	0.0145	0.00578	1	A
cis-Chlordane	0.00579		mg/kg	0.00218	0.00060	1	A
trans-Chlordane	0.00551	IP	mg/kg	0.00218	0.00057	1	A

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-01

Date Collected: 07/24/25 13:30

Client ID: 5PTCOMP-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	Column
Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	122		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03
 Client ID: 5PTCOMP-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: 1,8081B
 Analytical Date: 07/29/25 12:31
 Analyst: EMR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:56
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Pesticides by GC - Westborough Lab							
Delta-BHC	ND		mg/kg	0.00172	0.00033	1	A
Lindane	ND		mg/kg	0.00071	0.00032	1	A
Alpha-BHC	ND		mg/kg	0.00071	0.00020	1	A
Beta-BHC	ND		mg/kg	0.00172	0.00065	1	A
Heptachlor	ND		mg/kg	0.00086	0.00038	1	A
Aldrin	ND		mg/kg	0.00172	0.00060	1	A
Heptachlor epoxide	ND		mg/kg	0.00323	0.00096	1	A
Endrin	ND		mg/kg	0.00071	0.00029	1	A
Endrin aldehyde	ND		mg/kg	0.00215	0.00075	1	A
Endrin ketone	ND		mg/kg	0.00172	0.00044	1	A
Dieldrin	0.00414	IP	mg/kg	0.00108	0.00053	1	A
4,4'-DDE	0.0165		mg/kg	0.00172	0.00039	1	B
4,4'-DDD	0.0656		mg/kg	0.00172	0.00061	1	A
4,4'-DDT	0.0151		mg/kg	0.00323	0.00138	1	A
Endosulfan I	ND		mg/kg	0.00172	0.00040	1	A
Endosulfan II	ND		mg/kg	0.00172	0.00057	1	A
Endosulfan sulfate	ND		mg/kg	0.00071	0.00034	1	A
Methoxychlor	ND		mg/kg	0.00323	0.00100	1	A
Toxaphene	ND		mg/kg	0.0323	0.00904	1	A
Chlordane	ND		mg/kg	0.0144	0.00571	1	A
cis-Chlordane	0.00121	J	mg/kg	0.00215	0.00060	1	B
trans-Chlordane	0.00185	JIP	mg/kg	0.00215	0.00056	1	A

Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-03

Date Collected: 07/24/25 13:40

Client ID: 5PTCOMP-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	Column
Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-05
 Client ID: 5PTCOMP-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: 1,8081B
 Analytical Date: 07/29/25 12:44
 Analyst: EMR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:56
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Pesticides by GC - Westborough Lab							
Delta-BHC	ND		mg/kg	0.00187	0.00036	1	A
Lindane	ND		mg/kg	0.00078	0.00034	1	A
Alpha-BHC	ND		mg/kg	0.00078	0.00022	1	A
Beta-BHC	ND		mg/kg	0.00187	0.00071	1	A
Heptachlor	ND		mg/kg	0.00093	0.00042	1	A
Aldrin	ND		mg/kg	0.00187	0.00066	1	A
Heptachlor epoxide	ND		mg/kg	0.00352	0.00105	1	A
Endrin	ND		mg/kg	0.00078	0.00032	1	A
Endrin aldehyde	ND		mg/kg	0.00234	0.00082	1	A
Endrin ketone	ND		mg/kg	0.00187	0.00048	1	A
Dieldrin	0.00294	IP	mg/kg	0.00117	0.00058	1	A
4,4'-DDE	0.0154		mg/kg	0.00187	0.00043	1	B
4,4'-DDD	0.104		mg/kg	0.00187	0.00066	1	B
4,4'-DDT	0.0116		mg/kg	0.00352	0.00151	1	A
Endosulfan I	ND		mg/kg	0.00187	0.00044	1	A
Endosulfan II	ND		mg/kg	0.00187	0.00062	1	A
Endosulfan sulfate	ND		mg/kg	0.00078	0.00037	1	A
Methoxychlor	ND		mg/kg	0.00352	0.00109	1	A
Toxaphene	ND		mg/kg	0.0352	0.00984	1	A
Chlordane	ND		mg/kg	0.0156	0.00621	1	A
cis-Chlordane	0.00203	J	mg/kg	0.00234	0.00065	1	B
trans-Chlordane	0.00314	IP	mg/kg	0.00234	0.00061	1	A

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-05

Date Collected: 07/24/25 13:50

Client ID: 5PTCOMP-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	Column
Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/29/25 11:41
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:40
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Pesticides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG2096119-1						
Delta-BHC	ND		mg/kg	0.00155	0.00030	A
Lindane	ND		mg/kg	0.00064	0.00028	A
Alpha-BHC	ND		mg/kg	0.00064	0.00018	A
Beta-BHC	ND		mg/kg	0.00155	0.00058	A
Heptachlor	ND		mg/kg	0.00077	0.00034	A
Aldrin	ND		mg/kg	0.00155	0.00054	A
Heptachlor epoxide	ND		mg/kg	0.00291	0.00087	A
Endrin	ND		mg/kg	0.00064	0.00026	A
Endrin aldehyde	ND		mg/kg	0.00194	0.00068	A
Endrin ketone	ND		mg/kg	0.00155	0.00040	A
Dieldrin	ND		mg/kg	0.00097	0.00048	A
4,4'-DDE	ND		mg/kg	0.00155	0.00035	A
4,4'-DDD	ND		mg/kg	0.00155	0.00055	A
4,4'-DDT	ND		mg/kg	0.00291	0.00125	A
Endosulfan I	ND		mg/kg	0.00155	0.00036	A
Endosulfan II	ND		mg/kg	0.00155	0.00051	A
Endosulfan sulfate	ND		mg/kg	0.00064	0.00030	A
Methoxychlor	ND		mg/kg	0.00291	0.00090	A
Toxaphene	ND		mg/kg	0.0291	0.00816	A
Chlordane	ND		mg/kg	0.0129	0.00514	A
cis-Chlordane	ND		mg/kg	0.00194	0.00054	A
trans-Chlordane	ND		mg/kg	0.00194	0.00051	A

Project Name: RAMSEY SD
Project Number: RAMSEY SD

Lab Number: L2546665
Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/29/25 11:41
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 07/28/25 21:40
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/29/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Pesticides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG2096119-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	113		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	113		30-150	B
Decachlorobiphenyl	105		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096119-2 WG2096119-3									
Delta-BHC	93		98		40-140	5		30	A
Lindane	113		117		40-140	3		30	A
Alpha-BHC	111		114		40-140	3		30	A
Beta-BHC	105		109		40-140	4		30	A
Heptachlor	109		113		40-140	4		30	A
Aldrin	114		118		40-140	3		30	A
Heptachlor epoxide	91		94		40-140	3		30	A
Endrin	116		123		40-140	6		30	A
Endrin aldehyde	111		115		40-140	4		30	A
Endrin ketone	110		116		40-140	5		30	A
Dieldrin	110		116		40-140	5		30	A
4,4'-DDE	120		125		40-140	4		30	A
4,4'-DDD	121		128		40-140	6		30	A
4,4'-DDT	117		123		40-140	5		30	A
Endosulfan I	108		114		40-140	5		30	A
Endosulfan II	115		121		40-140	5		30	A
Endosulfan sulfate	102		109		40-140	7		30	A
Methoxychlor	104		111		40-140	7		30	A
cis-Chlordane	108		112		40-140	4		30	A
trans-Chlordane	114		123		40-140	8		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096119-2 WG2096119-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		114		30-150	A
Decachlorobiphenyl	89		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		112		30-150	B
Decachlorobiphenyl	104		108		30-150	B

METALS

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01

Date Collected: 07/24/25 13:30

Client ID: 5PTCOMP-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: 91%

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 10:36	EPA 3015	1,6010D	DMC
Barium, TCLP	0.397	J	mg/l	0.500	0.0210	1	07/30/25 10:12	07/31/25 10:36	EPA 3015	1,6010D	DMC
Cadmium, TCLP	0.0142	J	mg/l	0.100	0.0100	1	07/30/25 10:12	07/31/25 10:36	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/30/25 10:12	07/31/25 10:36	EPA 3015	1,6010D	DMC
Lead, TCLP	0.188	J	mg/l	0.500	0.0270	1	07/30/25 10:12	07/31/25 10:36	EPA 3015	1,6010D	DMC
Mercury, TCLP	0.0006	J	mg/l	0.0010	0.0005	1	07/30/25 10:26	07/30/25 14:44	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/30/25 10:12	07/31/25 10:36	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/30/25 10:12	07/31/25 10:36	EPA 3015	1,6010D	DMC



Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01

Date Collected: 07/24/25 13:30

Client ID: 5PTCOMP-1

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6220		mg/kg	8.57	2.79	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.29	3.30	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Arsenic, Total	12.9		mg/kg	0.857	0.370	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Barium, Total	53.5		mg/kg	0.857	0.091	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.399	J	mg/kg	0.429	0.047	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Cadmium, Total	1.25		mg/kg	0.857	0.047	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Calcium, Total	4240		mg/kg	8.57	4.86	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Chromium, Total	15.9		mg/kg	0.857	0.727	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Cobalt, Total	18.1		mg/kg	1.71	0.212	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Copper, Total	37.9		mg/kg	0.857	0.194	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Iron, Total	16300		mg/kg	4.29	0.900	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Lead, Total	134		mg/kg	4.29	0.204	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Magnesium, Total	2720		mg/kg	8.57	1.40	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Manganese, Total	136		mg/kg	0.857	0.459	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.075	0.049	1	07/29/25 14:30	07/29/25 17:43	EPA 7471B	1,7471B	CME
Nickel, Total	21.1		mg/kg	2.14	0.693	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Potassium, Total	525		mg/kg	214	43.5	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.71	0.282	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.429	0.255	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Sodium, Total	626		mg/kg	171	90.9	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.71	0.773	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Vanadium, Total	16.6		mg/kg	0.857	0.129	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM
Zinc, Total	127		mg/kg	4.29	0.519	2	07/29/25 15:48	07/30/25 22:40	EPA 3050B	1,6010D	EFM



Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-03

Date Collected: 07/24/25 13:40

Client ID: 5PTCOMP-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: 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 10:43	EPA 3015	1,6010D	DMC
Barium, TCLP	0.362	J	mg/l	0.500	0.0210	1	07/30/25 10:12	07/31/25 10:43	EPA 3015	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/30/25 10:12	07/31/25 10:43	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/30/25 10:12	07/31/25 10:43	EPA 3015	1,6010D	DMC
Lead, TCLP	0.106	J	mg/l	0.500	0.0270	1	07/30/25 10:12	07/31/25 10:43	EPA 3015	1,6010D	DMC
Mercury, TCLP	0.0006	J	mg/l	0.0010	0.0005	1	07/30/25 10:26	07/30/25 14:48	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/30/25 10:12	07/31/25 10:43	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/30/25 10:12	07/31/25 10:43	EPA 3015	1,6010D	DMC



Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03

Date Collected: 07/24/25 13:40

Client ID: 5PTCOMP-2

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											
Aluminum, Total	6420		mg/kg	8.73	2.84	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.37	3.36	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.27		mg/kg	0.873	0.377	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Barium, Total	37.4		mg/kg	0.873	0.093	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.337	J	mg/kg	0.437	0.048	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.689	J	mg/kg	0.873	0.048	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Calcium, Total	4650		mg/kg	8.73	4.95	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Chromium, Total	11.1		mg/kg	0.873	0.740	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.73		mg/kg	1.75	0.216	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Copper, Total	32.8		mg/kg	0.873	0.198	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Iron, Total	10800		mg/kg	4.37	0.917	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Lead, Total	52.8		mg/kg	4.37	0.208	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Magnesium, Total	2940		mg/kg	8.73	1.42	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Manganese, Total	123		mg/kg	0.873	0.468	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.076	0.050	1	07/29/25 14:30	07/29/25 17:46	EPA 7471B	1,7471B	CME
Nickel, Total	6.74		mg/kg	2.18	0.706	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Potassium, Total	354		mg/kg	218	44.3	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.75	0.287	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.437	0.260	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Sodium, Total	594		mg/kg	175	92.6	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.75	0.788	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Vanadium, Total	15.6		mg/kg	0.873	0.132	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM
Zinc, Total	147		mg/kg	4.37	0.529	2	07/29/25 15:48	07/30/25 22:47	EPA 3050B	1,6010D	EFM



Project Name: RAMSEY SD**Lab Number:** L2546665**Project Number:** RAMSEY SD**Report Date:** 08/01/25**SAMPLE RESULTS**

Lab ID: L2546665-05

Date Collected: 07/24/25 13:50

Client ID: 5PTCOMP-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: 82%

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 10:50	EPA 3015	1,6010D	DMC
Barium, TCLP	0.321	J	mg/l	0.500	0.0210	1	07/30/25 10:12	07/31/25 10:50	EPA 3015	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/30/25 10:12	07/31/25 10:50	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/30/25 10:12	07/31/25 10:50	EPA 3015	1,6010D	DMC
Lead, TCLP	0.187	J	mg/l	0.500	0.0270	1	07/30/25 10:12	07/31/25 10:50	EPA 3015	1,6010D	DMC
Mercury, TCLP	0.0006	J	mg/l	0.0010	0.0005	1	07/30/25 10:26	07/30/25 14:51	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/30/25 10:12	07/31/25 10:50	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/30/25 10:12	07/31/25 10:50	EPA 3015	1,6010D	DMC



Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-05

Date Collected: 07/24/25 13:50

Client ID: 5PTCOMP-3

Date Received: 07/24/25

Sample Location: RAMSEY HIGH SCHOOL

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5950		mg/kg	9.46	3.07	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.73	3.64	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.82		mg/kg	0.946	0.409	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Barium, Total	40.0		mg/kg	0.946	0.100	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.286	J	mg/kg	0.473	0.052	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.637	J	mg/kg	0.946	0.052	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Calcium, Total	2500		mg/kg	9.46	5.36	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Chromium, Total	10.6		mg/kg	0.946	0.802	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Cobalt, Total	4.13		mg/kg	1.89	0.235	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Copper, Total	26.2		mg/kg	0.946	0.215	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Iron, Total	10700		mg/kg	4.73	0.993	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Lead, Total	100		mg/kg	4.73	0.225	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Magnesium, Total	2110		mg/kg	9.46	1.54	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Manganese, Total	158		mg/kg	0.946	0.507	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Mercury, Total	0.087		mg/kg	0.085	0.056	1	07/29/25 14:30	07/29/25 17:50	EPA 7471B	1,7471B	CME
Nickel, Total	6.86		mg/kg	2.36	0.764	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Potassium, Total	244		mg/kg	236	48.0	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.89	0.311	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.473	0.282	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Sodium, Total	746		mg/kg	189	100.	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.89	0.853	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Vanadium, Total	17.3		mg/kg	0.946	0.143	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM
Zinc, Total	69.0		mg/kg	4.73	0.573	2	07/29/25 15:48	07/30/25 22:53	EPA 3050B	1,6010D	EFM



Project Name: RAMSEY SD

Lab Number: L2546665

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										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
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
Beryllium, Total	ND		mg/kg	0.200	0.022	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
Calcium, Total	ND		mg/kg	4.00	2.27	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
Cobalt, Total	ND		mg/kg	0.800	0.099	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Iron, Total	1.12	J	mg/kg	2.00	0.420	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
Magnesium, Total	ND		mg/kg	4.00	0.652	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	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
Sodium, Total	ND		mg/kg	80.0	42.4	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Vanadium, Total	ND		mg/kg	0.400	0.060	1	07/29/25 15:48	07/30/25 19:07	1,6010D	EFM
Zinc, Total	ND		mg/kg	2.00	0.242	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



Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Method Blank Analysis Batch Quality Control

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

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: L2546665

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								
Aluminum, Total	112		-		80-120	-		20
Antimony, Total	104		-		80-120	-		20
Arsenic, Total	105		-		80-120	-		20
Barium, Total	109		-		80-120	-		20
Beryllium, Total	105		-		80-120	-		20
Cadmium, Total	102		-		80-120	-		20
Calcium, Total	104		-		80-120	-		20
Chromium, Total	106		-		80-120	-		20
Cobalt, Total	102		-		80-120	-		20
Copper, Total	104		-		80-120	-		20
Iron, Total	110		-		80-120	-		20
Lead, Total	104		-		80-120	-		20
Magnesium, Total	105		-		80-120	-		20
Manganese, Total	107		-		80-120	-		20
Nickel, Total	103		-		80-120	-		20
Potassium, Total	111		-		80-120	-		20
Selenium, Total	106		-		80-120	-		20
Silver, Total	108		-		80-120	-		20
Sodium, Total	108		-		80-120	-		20
Thallium, Total	104		-		80-120	-		20
Vanadium, Total	109		-		80-120	-		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG2096373-2					
Zinc, Total	104	-	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
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: L2546665

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01

Client ID: 5PTCOMP-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: L2546665

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03

Client ID: 5PTCOMP-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:** L2546665**Report Date:** 08/01/25**SAMPLE RESULTS****Lab ID:** L2546665-05**Client ID:** 5PTCOMP-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

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-01

Client ID: 5PTCOMP-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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
NJ Hexavalent Chromium - Westborough Lab										
Chromium, Hexavalent	ND		mg/kg	0.884	0.177	1	07/30/25 06:31	07/30/25 13:47	1,7196A	RDS
pH (H)	8.12		SU	-	NA	1	-	07/30/25 12:58	1,9045D	LOF
Oxidation/Reduction Potential	180		mv	-	NA	1	-	07/30/25 13:17	68,1498	LOF
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	07/29/25 02:17	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.1	0.22	1	07/28/25 19:20	07/29/25 18:59	1,9010C/9012B	JER
pH (H)	7.91		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:** L2546665**Report Date:** 08/01/25**SAMPLE RESULTS****Lab ID:** L2546665-02**Client ID:** 5PTCOMP-1A**Sample Location:** RAMSEY HIGH SCHOOL**Date Collected:** 07/24/25 13:35**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	87.8		%	0.100	NA	1	-	07/30/25 01:57	121,2540G	JMN



Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-03

Client ID: 5PTCOMP-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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
NJ Hexavalent Chromium - Westborough Lab										
Chromium, Hexavalent	ND		mg/kg	0.900	0.180	1	07/30/25 06:31	07/30/25 13:47	1,7196A	RDS
pH (H)	8.31		SU	-	NA	1	-	07/30/25 12:58	1,9045D	LOF
Oxidation/Reduction Potential	180		mv	-	NA	1	-	07/30/25 13:17	68,1498	LOF
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	07/29/25 02:17	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/28/25 19:20	07/29/25 19:04	1,9010C/9012B	JER
pH (H)	8.18		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:** L2546665**Report Date:** 08/01/25**SAMPLE RESULTS****Lab ID:** L2546665-04**Client ID:** 5PTCOMP-2A**Sample Location:** RAMSEY HIGH SCHOOL**Date Collected:** 07/24/25 13:45**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	90.0		%	0.100	NA	1	-	07/30/25 01:57	121,2540G	JMN



Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2546665-05

Client ID: 5PTCOMP-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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
NJ Hexavalent Chromium - Westborough Lab										
Chromium, Hexavalent	ND		mg/kg	0.976	0.195	1	07/30/25 06:31	07/30/25 13:47	1,7196A	RDS
pH (H)	8.43		SU	-	NA	1	-	07/30/25 12:58	1,9045D	LOF
Oxidation/Reduction Potential	160		mv	-	NA	1	-	07/30/25 13:17	68,1498	LOF
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	07/29/25 02:17	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.2	0.26	1	07/28/25 19:20	07/29/25 19:07	1,9010C/9012B	JER
pH (H)	8.57		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:** L2546665**Report Date:** 08/01/25**SAMPLE RESULTS****Lab ID:** L2546665-06**Client ID:** 5PTCOMP-3A**Sample Location:** RAMSEY HIGH SCHOOL**Date Collected:** 07/24/25 13:55**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	90.2		%	0.100	NA	1	-	07/30/25 01:57	121,2540G	JMN



Project Name: RAMSEY SD

Lab Number: L2546665

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: WG2096075-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	07/28/25 19:20	07/29/25 18:45	1,9010C/9012B	JER
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
NJ Hexavalent Chromium - Westborough Lab for sample(s): 01,03,05 Batch: WG2096706-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/30/25 06:31	07/30/25 13:47	1,7196A	RDS



Lab Control Sample Analysis **Batch Quality Control**

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

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: WG2096075-2 WG2096075-3								
Cyanide, Total	78	Q	90		80-120	13		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096081-2								
Cyanide, Reactive	71		-		30-125	-		40
NJ Hexavalent Chromium - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096706-2								
Chromium, Hexavalent	101		-		80-120	-		20
NJ Hexavalent Chromium - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096958-1								
pH	100		-		99-101	-		
NJ Hexavalent Chromium - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2096961-1								
Oxidation/Reduction Potential	100		-		90-110	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: RAMSEY SD

Lab Number: L2546665

Project Number: RAMSEY SD

Report Date: 08/01/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096075-4 WG2096075-5 QC Sample: L2546665-01 Client ID: 5PTCOMP-1												
Cyanide, Total	ND	10	9.4	89		8.2	79		75-125	11		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096075-6 WG2096075-7 QC Sample: L2546665-03 Client ID: 5PTCOMP-2												
Cyanide, Total	ND	10	8.8	86		10	92		75-125	6		35
NJ Hexavalent Chromium - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096706-4 QC Sample: L2546665-03 Client ID: 5PTCOMP-2												
Chromium, Hexavalent	ND	1300	1190	92		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: RAMSEY SD

Project Number: RAMSEY SD

Lab Number: L2546665

Report Date: 08/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096072-3 QC Sample: L2546665-05 Client ID: 5PTCOMP-3						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096081-3 QC Sample: L2546665-05 Client ID: 5PTCOMP-3						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
NJ Hexavalent Chromium - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096706-6 QC Sample: L2546665-03 Client ID: 5PTCOMP-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
NJ Hexavalent Chromium - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096958-2 QC Sample: L2544437-01 Client ID: DUP Sample						
pH	7.88	7.90	SU	0		5
NJ Hexavalent Chromium - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG2096961-2 QC Sample: L2544437-01 Client ID: DUP Sample						
Oxidation/Reduction Potential	170	180	mv	6		20

Project Name: RAMSEY SD**Lab Number:** L2546665**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(*)
L2546665-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2546665-01B	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),REACTS(14),TCN-9010(14),IGNIT-1030(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJHEXCR-ORP-9045(30),NJ-HEXCR-7196(30),REACTCN(14),NJ-8081(14)
L2546665-01C	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),REACTS(14),TCN-9010(14),IGNIT-1030(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJHEXCR-ORP-9045(30),NJ-HEXCR-7196(30),REACTCN(14),NJ-8081(14)
L2546665-01D	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-01E	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),REACTS(14),TCN-9010(14),IGNIT-1030(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJHEXCR-ORP-9045(30),NJ-HEXCR-7196(30),REACTCN(14),NJ-8081(14)
L2546665-01F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),REACTS(14),TCN-9010(14),IGNIT-1030(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJHEXCR-ORP-9045(30),NJ-HEXCR-7196(30),REACTCN(14),NJ-8081(14)
L2546665-01X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-01X9	Tumble Vessel	NA	NA			Y	Absent		-

Project Name: RAMSEY SD**Lab Number:** L2546665**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(*)
L2546665-01Z	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2546665-02A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		TS(7),NJ-TPH-DRO(14)
L2546665-02B	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-02X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-03A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2546665-03B	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),TCN-9010(14),IGNIT-1030(14),REACTS(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)
L2546665-03C	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),TCN-9010(14),IGNIT-1030(14),REACTS(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)
L2546665-03D	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-03E	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),TCN-9010(14),IGNIT-1030(14),REACTS(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)
L2546665-03F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NJHEXCR-PH-9045(30),TCN-9010(14),IGNIT-1030(14),REACTS(14),NJEPH(14),NJ-8082(14),NJ-8270(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)

Project Name: RAMSEY SD**Lab Number:** L2546665**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(*)
L2546665-03X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-03X9	Tumble Vessel	NA	NA			Y	Absent		-
L2546665-03Z	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2546665-04A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		TS(7),NJ-TPH-DRO(14)
L2546665-04B	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-04X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-05A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2546665-05B	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		IGNIT-1030(14),NJHEXCR-PH-9045(30),TCN-9010(14),REACTS(14),NJEPH(14),NJ-8270(14),NJ-8082(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)
L2546665-05C	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		IGNIT-1030(14),NJHEXCR-PH-9045(30),TCN-9010(14),REACTS(14),NJEPH(14),NJ-8270(14),NJ-8082(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)
L2546665-05D	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-05E	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		IGNIT-1030(14),NJHEXCR-PH-9045(30),TCN-9010(14),REACTS(14),NJEPH(14),NJ-8270(14),NJ-8082(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2546665-05F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		IGNIT-1030(14),NJHEXCR-PH-9045(30),TCN-9010(14),REACTS(14),NJEPH(14),NJ-8270(14),NJ-8082(14),TS(7),PH-9045(1),NJ-TPH-DRO(14),NJ-8081(14),NJ-HEXCR-7196(30),REACTCN(14),NJHEXCR-ORP-9045(30)
L2546665-05X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-05X9	Tumble Vessel	NA	NA			Y	Absent		-
L2546665-05Z	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)
L2546665-06A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		TS(7),NJ-TPH-DRO(14)
L2546665-06B	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		NJ-TPH-GRO(14)
L2546665-06X	Vial MeOH preserved split	NA	NA			Y	Absent		NJ-TPH-GRO(14)

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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.

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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

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Data Qualifiers

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

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

Project Name: RAMSEY SD**Lab Number:** L2546665**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.
- 68 Annual Book of ASTM (American Society for Testing and Materials) Standards following extraction by SW-846 EPA Method 9045C under the requirements of MADEP BWSC, WSC-CAM-VIB. August 2004.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 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

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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.



Sample Delivery Group Summary

Pace Job Number : L2546665

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? | NA |
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