284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : Q1883

ATTENTION : Adam Roy

Laboratory Certification ID # 20012

Table Of Contents for Q1883

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Cover Page

Order ID : Q1883

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q1883-01	OU4-PCS-TC-27-042325
Q1883-02	OU4-PCS-TC-27-042325
Q1883-03	OU4-PCS-TC-28-042325
Q1883-04	OU4-PCS-TC-28-042325
Q1883-05	OU4-PCS-TC-29-042325
Q1883-06	OU4-PCS-TC-29-042325
Q1883-07	OU4-PCS-TC-30-042325
Q1883-08	OU4-PCS-TC-30-042325
Q1883-09	OU4-PCS-TC-31-042325
Q1883-10	OU4-PCS-TC-31-042325
Q1883-11	OU4-PCS-TC-32-042325
Q1883-12	OU4-PCS-TC-32-042325
Q1883-13	OU4-VSL-18-042325
Q1883-14	OU4-VSL-18-042325
Q1883-15	OU4-VSL-19-042325
Q1883-16	OU4-VSL-19-042325
Q1883-17	SO-TB-01-042325

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:36 am, May 09, 2025

Date: 5/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:
Alliance Technical Group LLC

Client: Nobis Group

Project Location: Stratford, CT

Project Number: 95700

Sampling Date(s): 04/23/25

Laboratory Sample ID(s): Q1883

List RCP Methods Used
(9012B, 8151A, 7471B, 6010D, 8082A, 8081B, 8270E, 8260D, 7470A, 1312, 6020B)

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 CTDEP method-specific Reasonable Confidence Protocol documents?	☒ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☒ Yes ☐ No
1B	***VPH and EPH Methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C°)?	☒ Yes ☐ No
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☒ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☒ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☒ No

Notes: 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 "Reasonable Confidence." This form may not be altered and all questions must be answered.

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.

Authorized Signature: N. N. Pandya **Position:** QC SUPERVISOR

Printed Name: NIMISHA N. PANDYA **Date:** 05/09/2025

Name of Laboratory Alliance Technical Group

This certification form is to be used for RCP methods only.

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group3 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82Y042225S.M) for Acetone is passing on Linear Regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

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Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 9:36 am, May 09, 2025

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for SVOCMS Group3.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group3 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for OU4-PCS-TC-27-042325 [Terphenyl-d14 - 51%], OU4-PCS-TC-30-042325 [Terphenyl-d14 - 52%], OU4-VSL-18-042325 [Terphenyl-d14 - 52%], COMP-2MS [Terphenyl-d14 - 43%], COMP-2MSD [Terphenyl-d14 - 45%], MH-QMS [Terphenyl-d14 - 48%], MH-QMSD [Terphenyl-d14 - 48%],as per method one acid and one base surrogate allow to fail therefore no corrective action taken, OU4-PCS-TC-29-042325 [2-Fluorobiphenyl - 41%, Terphenyl-d14 - 45%], OU4-PCS-TC-29-042325RX [2-Fluorobiphenyl - 36%, Nitrobenzene-d5 - 36%, Terphenyl-d14 - 36%], The sample was reanalyzed to confirm Surrogate failure, both run were reported in Hard Copy.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .

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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
As per special requirement for this project form-1 and Hit Summary are reported in mg/kg.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The not QT review data is reported in the Miscellaneous.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

The Continuous Calibration File ID PL095495.D met the requirements except for alpha-BHC,Endrin ketone is failing in 2nd column but it is passing in 1st column therefore no corrective action taken.

E. Additional Comments:
As per special requirement for this project form-1 are reported in mg/kg.
The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:37 am, May 09, 2025

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: PCB

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:37 am, May 09, 2025

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: Herbicide Group1

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for Herbicide Group1.

C. Analytical Techniques:
The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324The analysis of Herbicide Group1s was based on method 8151A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for WC-5MS [2,4-DCAA(1) - 191%, 2,4-DCAA(2) - 303%], WC-5MSD [2,4-DCAA(1) - 194%, 2 and4-DCAA(2) - 308%]MS and MSD surrogate failure confirmed with parent sample.

The Retention Times were acceptable for all samples.

The MS {Q1906-05MS} with File ID: PS029999.D recoveries met the requirements for all compounds except for Dalapon[196%], Dinoseb[0%] Due to matrix interference..

The MSD {Q1906-05MSD} with File ID: PS030000.D recoveries met the acceptable requirements except for Dalapon[193%], Dinoseb[0%] Due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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E. Additional Comments:

As per special requirement for this project form-1 are reported in mg/kg.
The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate (OU4-PCS-TC-32-042325DUP) analysis met criteria for all samples except for Arsenic, Lead due to matrix interference.
The Duplicate (OU4-PCS-TC-32-042325MSD) analysis met criteria for all samples except for Sodium due to matrix interference.
The Matrix Spike (OU4-PCS-TC-32-042325MS) analysis met criteria for all samples except for Antimony, Arsenic, Barium, Chromium, Selenium, Silver, Zinc due to matrix interference.
The Matrix Spike Duplicate (OU4-PCS-TC-32-042325MSD) analysis met criteria for all samples except for Antimony, Barium, Beryllium, Chromium, Cobalt, Zinc due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (OU4-PCS-TC-32-042325L) met criteria for all samples except for Copper, Iron due to unknown interference.

E. Additional Comments:

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Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:37 am, May 09, 2025

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: SPLP MetalGroup3,SPLP Mercury

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for SPLP MetalGroup3,SPLP Mercury.

C. Analytical Techniques:
The analysis of SPLP MetalGroup3 was based on method 6020B, digestion based on method 3050 (soils). The analysis of SPLP Mercury was based on method 7470A and digestion was based on method 7471B (soils).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (OU4-VSL-19-042325MS) analysis met criteria for all samples except for Mercury, Arsenic and Silver due to matrix interference.
The Matrix Spike Duplicate (OU4-VSL-19-042325MSD) analysis met criteria for all samples except for Mercury Arsenic and Silver due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:
All samples are diluted 5X dilution as straight analysis because of high and pure acid concentration of two acids which can cause drastic damage to the instrument.

Internal Standard 89Y(1 & 2) were out side qc limit for sample Q1883-08 in 5X run, so for this sample affected parameters were reported from 25X dilutions.
Internal Standard 89Y(1) were out side qc limit for samples Q1883-02, Q1883-04, Q1883-06, Q1883-10, Q1883-12, Q1883-14, Q1883-16 and its QC set in 5X run, so for these samples affected parameters were reported from 25X dilutions.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

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By Nimisha Pandya, QA/QC Supervisor at 9:37 am, May 09, 2025

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q1883
Test Name: Cyanide

A. Number of Samples and Date of Receipt:
17 Solid samples were received on 04/25/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3, VOCMS Group1 and VOCMS Group3. This data package contains results for Cyanide.

C. Analytical Techniques:
The analysis of Cyanide was based on method 9012B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:37 am, May 09, 2025

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1883

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 05/09/2025

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1883

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**OU4-PCS-TC-28-042325**								
Q1883-03	OU4-PCS-TC-28-0[illegible]	SOIL	Acetone	0.016		0.0016	0.0068	0.0085	mg/Kg
			Total Voc :	0.016					
			Total Concentration:	0.016					
Client ID:	**OU4-PCS-TC-31-042325**								
Q1883-09	OU4-PCS-TC-31-0[illegible]	SOIL	Acetone	0.021		0.0022	0.0092	0.012	mg/Kg
			Total Voc :	0.021					
			Total Concentration:	0.021					
Client ID:	**SO-TB-01-042325**								
Q1883-17	SO-TB-01-042325	SOIL	Methylene Chloride	0.0063	J	0.0035	0.0080	0.010	mg/Kg
			Total Voc :	0.0063					
			Total Concentration:	0.0063					

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	11.64 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022064.D	1		04/29/25 18:14	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0018	U	0.00052	0.0018	0.0023	mg/Kg
74-87-3	Chloromethane	0.0011	U	0.00052	0.0011	0.0023	mg/Kg
75-01-4	Vinyl Chloride	0.0011	U	0.00036	0.0011	0.0023	mg/Kg
74-83-9	Bromomethane	0.0018	U	0.00049	0.0018	0.0023	mg/Kg
75-00-3	Chloroethane	0.0011	U	0.00057	0.0011	0.0023	mg/Kg
109-99-9	Tetrahydrofuran	0.0057	U	0.0021	0.0057	0.011	mg/Kg
75-69-4	Trichlorofluoromethane	0.0018	U	0.00055	0.0018	0.0023	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0011	U	0.00048	0.0011	0.0023	mg/Kg
75-35-4	1,1-Dichloroethene	0.0011	U	0.00045	0.0011	0.0023	mg/Kg
107-13-1	Acrylonitrile	0.0057	U	0.0023	0.0057	0.011	mg/Kg
67-64-1	Acetone	0.0091	U	0.0022	0.0091	0.011	mg/Kg
75-15-0	Carbon Disulfide	0.0018	U	0.00048	0.0018	0.0023	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0011	U	0.00033	0.0011	0.0023	mg/Kg
75-09-2	Methylene Chloride	0.0036	U	0.0016	0.0036	0.0045	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.00039	0.0011	0.0023	mg/Kg
75-34-3	1,1-Dichloroethane	0.0011	U	0.00036	0.0011	0.0023	mg/Kg
78-93-3	2-Butanone	0.0091	U	0.0030	0.0091	0.011	mg/Kg
56-23-5	Carbon Tetrachloride	0.0011	U	0.00044	0.0011	0.0023	mg/Kg
594-20-7	2,2-Dichloropropane	0.0018	U	0.00058	0.0018	0.0023	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.00034	0.0011	0.0023	mg/Kg
67-66-3	Chloroform	0.0018	U	0.00038	0.0018	0.0023	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.00042	0.0011	0.0023	mg/Kg
563-58-6	1,1-Dichloropropene	0.0011	U	0.00040	0.0011	0.0023	mg/Kg
71-43-2	Benzene	0.0011	U	0.00036	0.0011	0.0023	mg/Kg
107-06-2	1,2-Dichloroethane	0.0011	U	0.00036	0.0011	0.0023	mg/Kg
79-01-6	Trichloroethene	0.0011	U	0.00037	0.0011	0.0023	mg/Kg
78-87-5	1,2-Dichloropropane	0.0011	U	0.00041	0.0011	0.0023	mg/Kg
74-95-3	Dibromomethane	0.0011	U	0.00040	0.0011	0.0023	mg/Kg
75-27-4	Bromodichloromethane	0.0011	U	0.00035	0.0011	0.0023	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0057	U	0.0016	0.0057	0.011	mg/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	11.64 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022064.D	1		04/29/25 18:14	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0011	U	0.00035	0.0011	0.0023	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0011	U	0.00030	0.0011	0.0023	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.00028	0.0011	0.0023	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.00042	0.0011	0.0023	mg/Kg
142-28-9	1,3-Dichloropropane	0.0011	U	0.00031	0.0011	0.0023	mg/Kg
591-78-6	2-Hexanone	0.0057	U	0.0017	0.0057	0.011	mg/Kg
124-48-1	Dibromochloromethane	0.0011	U	0.00040	0.0011	0.0023	mg/Kg
106-93-4	1,2-Dibromoethane	0.0011	U	0.00040	0.0011	0.0023	mg/Kg
127-18-4	Tetrachloroethene	0.0011	U	0.00048	0.0011	0.0023	mg/Kg
108-90-7	Chlorobenzene	0.0011	U	0.00041	0.0011	0.0023	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0011	U	0.00035	0.0011	0.0023	mg/Kg
100-41-4	Ethyl Benzene	0.0011	U	0.00030	0.0011	0.0023	mg/Kg
179601-23-1	m/p-Xylenes	0.0023	U	0.00056	0.0023	0.0045	mg/Kg
1330-20-7	Total Xylenes	0.0034	U	0.00093	0.0034	0.0068	mg/Kg
95-47-6	o-Xylene	0.0011	U	0.00037	0.0011	0.0023	mg/Kg
100-42-5	Styrene	0.0011	U	0.00032	0.0011	0.0023	mg/Kg
75-25-2	Bromoform	0.0011	U	0.00039	0.0011	0.0023	mg/Kg
98-82-8	Isopropylbenzene	0.0011	U	0.00035	0.0011	0.0023	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.00055	0.0011	0.0023	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0018	U	0.00056	0.0018	0.0023	mg/Kg
108-86-1	Bromobenzene	0.0011	U	0.00055	0.0011	0.0023	mg/Kg
103-65-1	n-propylbenzene	0.0011	U	0.00033	0.0011	0.0023	mg/Kg
95-49-8	2-Chlorotoluene	0.0011	U	0.00031	0.0011	0.0023	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	0.00037	0.0011	0.0023	mg/Kg
106-43-4	4-Chlorotoluene	0.0011	U	0.00055	0.0011	0.0023	mg/Kg
98-06-6	tert-Butylbenzene	0.0011	U	0.00030	0.0011	0.0023	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0011	U	0.00029	0.0011	0.0023	mg/Kg
135-98-8	sec-Butylbenzene	0.0011	U	0.00030	0.0011	0.0023	mg/Kg
99-87-6	p-Isopropyltoluene	0.0011	U	0.00028	0.0011	0.0023	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0011	U	0.00078	0.0011	0.0023	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0011	U	0.00071	0.0011	0.0023	mg/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	11.64 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022064.D	1		04/29/25 18:14	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0011	U	0.00066	0.0011	0.0023	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0011	U	0.00066	0.0011	0.0023	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0018	U	0.00084	0.0018	0.0023	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0018	U	0.0014	0.0018	0.0023	mg/Kg
87-68-3	Hexachlorobutadiene	0.0011	U	0.00086	0.0011	0.0023	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0018	U	0.0014	0.0018	0.0023	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0011	U	0.00048	0.0011	0.0023	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.3		71 - 136		111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	48.7		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		79 - 119		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	272000	7.707				
540-36-3	1,4-Difluorobenzene	515000	8.609				
3114-55-4	Chlorobenzene-d5	469000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	15.55 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022065.D	1		04/29/25 18:37	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0014	U	0.00039	0.0014	0.0017	mg/Kg
74-87-3	Chloromethane	0.00085	U	0.00039	0.00085	0.0017	mg/Kg
75-01-4	Vinyl Chloride	0.00085	U	0.00027	0.00085	0.0017	mg/Kg
74-83-9	Bromomethane	0.0014	U	0.00036	0.0014	0.0017	mg/Kg
75-00-3	Chloroethane	0.00085	U	0.00043	0.00085	0.0017	mg/Kg
109-99-9	Tetrahydrofuran	0.0043	U	0.0016	0.0043	0.0085	mg/Kg
75-69-4	Trichlorofluoromethane	0.0014	U	0.00041	0.0014	0.0017	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00085	U	0.00036	0.00085	0.0017	mg/Kg
75-35-4	1,1-Dichloroethene	0.00085	U	0.00034	0.00085	0.0017	mg/Kg
107-13-1	Acrylonitrile	0.0043	U	0.0017	0.0043	0.0085	mg/Kg
67-64-1	Acetone	0.016		0.0016	0.0068	0.0085	mg/Kg
75-15-0	Carbon Disulfide	0.0014	U	0.00036	0.0014	0.0017	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00085	U	0.00025	0.00085	0.0017	mg/Kg
75-09-2	Methylene Chloride	0.0027	U	0.0012	0.0027	0.0034	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00085	U	0.00029	0.00085	0.0017	mg/Kg
75-34-3	1,1-Dichloroethane	0.00085	U	0.00027	0.00085	0.0017	mg/Kg
78-93-3	2-Butanone	0.0068	U	0.0022	0.0068	0.0085	mg/Kg
56-23-5	Carbon Tetrachloride	0.00085	U	0.00033	0.00085	0.0017	mg/Kg
594-20-7	2,2-Dichloropropane	0.0014	U	0.00044	0.0014	0.0017	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00085	U	0.00026	0.00085	0.0017	mg/Kg
67-66-3	Chloroform	0.0014	U	0.00029	0.0014	0.0017	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00085	U	0.00032	0.00085	0.0017	mg/Kg
563-58-6	1,1-Dichloropropene	0.00085	U	0.00030	0.00085	0.0017	mg/Kg
71-43-2	Benzene	0.00085	U	0.00027	0.00085	0.0017	mg/Kg
107-06-2	1,2-Dichloroethane	0.00085	U	0.00027	0.00085	0.0017	mg/Kg
79-01-6	Trichloroethene	0.00085	U	0.00028	0.00085	0.0017	mg/Kg
78-87-5	1,2-Dichloropropane	0.00085	U	0.00031	0.00085	0.0017	mg/Kg
74-95-3	Dibromomethane	0.00085	U	0.00030	0.00085	0.0017	mg/Kg
75-27-4	Bromodichloromethane	0.00085	U	0.00027	0.00085	0.0017	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0043	U	0.0012	0.0043	0.0085	mg/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	15.55 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022065.D	1		04/29/25 18:37	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.00085	U	0.00027	0.00085	0.0017	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.00085	U	0.00022	0.00085	0.0017	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00085	U	0.00021	0.00085	0.0017	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00085	U	0.00031	0.00085	0.0017	mg/Kg
142-28-9	1,3-Dichloropropane	0.00085	U	0.00023	0.00085	0.0017	mg/Kg
591-78-6	2-Hexanone	0.0043	U	0.0013	0.0043	0.0085	mg/Kg
124-48-1	Dibromochloromethane	0.00085	U	0.00030	0.00085	0.0017	mg/Kg
106-93-4	1,2-Dibromoethane	0.00085	U	0.00030	0.00085	0.0017	mg/Kg
127-18-4	Tetrachloroethene	0.00085	U	0.00036	0.00085	0.0017	mg/Kg
108-90-7	Chlorobenzene	0.00085	U	0.00031	0.00085	0.0017	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.00085	U	0.00026	0.00085	0.0017	mg/Kg
100-41-4	Ethyl Benzene	0.00085	U	0.00023	0.00085	0.0017	mg/Kg
179601-23-1	m/p-Xylenes	0.0017	U	0.00042	0.0017	0.0034	mg/Kg
1330-20-7	Total Xylenes	0.0026	U	0.00070	0.0026	0.0051	mg/Kg
95-47-6	o-Xylene	0.00085	U	0.00028	0.00085	0.0017	mg/Kg
100-42-5	Styrene	0.00085	U	0.00024	0.00085	0.0017	mg/Kg
75-25-2	Bromoform	0.00085	U	0.00029	0.00085	0.0017	mg/Kg
98-82-8	Isopropylbenzene	0.00085	U	0.00027	0.00085	0.0017	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.00085	U	0.00041	0.00085	0.0017	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0014	U	0.00042	0.0014	0.0017	mg/Kg
108-86-1	Bromobenzene	0.00085	U	0.00041	0.00085	0.0017	mg/Kg
103-65-1	n-propylbenzene	0.00085	U	0.00025	0.00085	0.0017	mg/Kg
95-49-8	2-Chlorotoluene	0.00085	U	0.00023	0.00085	0.0017	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.00085	U	0.00028	0.00085	0.0017	mg/Kg
106-43-4	4-Chlorotoluene	0.00085	U	0.00042	0.00085	0.0017	mg/Kg
98-06-6	tert-Butylbenzene	0.00085	U	0.00023	0.00085	0.0017	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.00085	U	0.00022	0.00085	0.0017	mg/Kg
135-98-8	sec-Butylbenzene	0.00085	U	0.00022	0.00085	0.0017	mg/Kg
99-87-6	p-Isopropyltoluene	0.00085	U	0.00021	0.00085	0.0017	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00085	U	0.00058	0.00085	0.0017	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00085	U	0.00053	0.00085	0.0017	mg/Kg

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	15.55 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022065.D	1		04/29/25 18:37	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.00085	U	0.00049	0.00085	0.0017	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00085	U	0.00049	0.00085	0.0017	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0014	U	0.00063	0.0014	0.0017	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0014	U	0.0010	0.0014	0.0017	mg/Kg
87-68-3	Hexachlorobutadiene	0.00085	U	0.00065	0.00085	0.0017	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0014	U	0.0011	0.0014	0.0017	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.00085	U	0.00036	0.00085	0.0017	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	60.8		71 - 136		122%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	48.2		85 - 116		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.1		79 - 119		86%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	285000	7.707				
540-36-3	1,4-Difluorobenzene	554000	8.616				
3114-55-4	Chlorobenzene-d5	516000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.7
Sample Wt/Vol:	13.86 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022079.D	1		04/30/25 13:34	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0015	U	0.00043	0.0015	0.0019	mg/Kg
74-87-3	Chloromethane	0.00094	U	0.00043	0.00094	0.0019	mg/Kg
75-01-4	Vinyl Chloride	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
74-83-9	Bromomethane	0.0015	U	0.00040	0.0015	0.0019	mg/Kg
75-00-3	Chloroethane	0.00094	U	0.00047	0.00094	0.0019	mg/Kg
109-99-9	Tetrahydrofuran	0.0047	U	0.0018	0.0047	0.0094	mg/Kg
75-69-4	Trichlorofluoromethane	0.0015	U	0.00046	0.0015	0.0019	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00094	U	0.00040	0.00094	0.0019	mg/Kg
75-35-4	1,1-Dichloroethene	0.00094	U	0.00038	0.00094	0.0019	mg/Kg
107-13-1	Acrylonitrile	0.0047	U	0.0019	0.0047	0.0094	mg/Kg
67-64-1	Acetone	0.0075	U	0.0018	0.0075	0.0094	mg/Kg
75-15-0	Carbon Disulfide	0.0015	U	0.00040	0.0015	0.0019	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00094	U	0.00028	0.00094	0.0019	mg/Kg
75-09-2	Methylene Chloride	0.0030	U	0.0013	0.0030	0.0038	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00094	U	0.00032	0.00094	0.0019	mg/Kg
75-34-3	1,1-Dichloroethane	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
78-93-3	2-Butanone	0.0075	U	0.0025	0.0075	0.0094	mg/Kg
56-23-5	Carbon Tetrachloride	0.00094	U	0.00037	0.00094	0.0019	mg/Kg
594-20-7	2,2-Dichloropropane	0.0015	U	0.00048	0.0015	0.0019	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00094	U	0.00028	0.00094	0.0019	mg/Kg
67-66-3	Chloroform	0.0015	U	0.00032	0.0015	0.0019	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00094	U	0.00035	0.00094	0.0019	mg/Kg
563-58-6	1,1-Dichloropropene	0.00094	U	0.00033	0.00094	0.0019	mg/Kg
71-43-2	Benzene	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
107-06-2	1,2-Dichloroethane	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
79-01-6	Trichloroethene	0.00094	U	0.00031	0.00094	0.0019	mg/Kg
78-87-5	1,2-Dichloropropane	0.00094	U	0.00034	0.00094	0.0019	mg/Kg
74-95-3	Dibromomethane	0.00094	U	0.00034	0.00094	0.0019	mg/Kg
75-27-4	Bromodichloromethane	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0047	U	0.0013	0.0047	0.0094	mg/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.7
Sample Wt/Vol:	13.86 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022079.D	1		04/30/25 13:34	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00094	U	0.00023	0.00094	0.0019	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00094	U	0.00035	0.00094	0.0019	mg/Kg
142-28-9	1,3-Dichloropropane	0.00094	U	0.00026	0.00094	0.0019	mg/Kg
591-78-6	2-Hexanone	0.0047	U	0.0014	0.0047	0.0094	mg/Kg
124-48-1	Dibromochloromethane	0.00094	U	0.00033	0.00094	0.0019	mg/Kg
106-93-4	1,2-Dibromoethane	0.00094	U	0.00033	0.00094	0.0019	mg/Kg
127-18-4	Tetrachloroethene	0.00094	U	0.00040	0.00094	0.0019	mg/Kg
108-90-7	Chlorobenzene	0.00094	U	0.00034	0.00094	0.0019	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
100-41-4	Ethyl Benzene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
179601-23-1	m/p-Xylenes	0.0019	U	0.00047	0.0019	0.0038	mg/Kg
1330-20-7	Total Xylenes	0.0028	U	0.00078	0.0028	0.0057	mg/Kg
95-47-6	o-Xylene	0.00094	U	0.00031	0.00094	0.0019	mg/Kg
100-42-5	Styrene	0.00094	U	0.00027	0.00094	0.0019	mg/Kg
75-25-2	Bromoform	0.00094	U	0.00032	0.00094	0.0019	mg/Kg
98-82-8	Isopropylbenzene	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.00094	U	0.00046	0.00094	0.0019	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0015	U	0.00047	0.0015	0.0019	mg/Kg
108-86-1	Bromobenzene	0.00094	U	0.00045	0.00094	0.0019	mg/Kg
103-65-1	n-propylbenzene	0.00094	U	0.00028	0.00094	0.0019	mg/Kg
95-49-8	2-Chlorotoluene	0.00094	U	0.00026	0.00094	0.0019	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.00094	U	0.00031	0.00094	0.0019	mg/Kg
106-43-4	4-Chlorotoluene	0.00094	U	0.00046	0.00094	0.0019	mg/Kg
98-06-6	tert-Butylbenzene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.00094	U	0.00024	0.00094	0.0019	mg/Kg
135-98-8	sec-Butylbenzene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
99-87-6	p-Isopropyltoluene	0.00094	U	0.00023	0.00094	0.0019	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00094	U	0.00064	0.00094	0.0019	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00094	U	0.00059	0.00094	0.0019	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.7
Sample Wt/Vol:	13.86 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022079.D	1		04/30/25 13:34	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.00094	U	0.00055	0.00094	0.0019	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00094	U	0.00055	0.00094	0.0019	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0015	U	0.00069	0.0015	0.0019	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0015	U	0.0011	0.0015	0.0019	mg/Kg
87-68-3	Hexachlorobutadiene	0.00094	U	0.00072	0.00094	0.0019	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0015	U	0.0012	0.0015	0.0019	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.00094	U	0.00040	0.00094	0.0019	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.4		71 - 136		107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	48.5		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.4		79 - 119		119%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	289000	7.707				
540-36-3	1,4-Difluorobenzene	543000	8.609				
3114-55-4	Chlorobenzene-d5	488000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	195000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.5
Sample Wt/Vol:	13.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022080.D	1		04/30/25 13:58	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0015	U	0.00043	0.0015	0.0019	mg/Kg
74-87-3	Chloromethane	0.00094	U	0.00043	0.00094	0.0019	mg/Kg
75-01-4	Vinyl Chloride	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
74-83-9	Bromomethane	0.0015	U	0.00040	0.0015	0.0019	mg/Kg
75-00-3	Chloroethane	0.00094	U	0.00048	0.00094	0.0019	mg/Kg
109-99-9	Tetrahydrofuran	0.0047	U	0.0018	0.0047	0.0094	mg/Kg
75-69-4	Trichlorofluoromethane	0.0015	U	0.00046	0.0015	0.0019	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00094	U	0.00040	0.00094	0.0019	mg/Kg
75-35-4	1,1-Dichloroethene	0.00094	U	0.00038	0.00094	0.0019	mg/Kg
107-13-1	Acrylonitrile	0.0047	U	0.0019	0.0047	0.0094	mg/Kg
67-64-1	Acetone	0.0075	U	0.0018	0.0075	0.0094	mg/Kg
75-15-0	Carbon Disulfide	0.0015	U	0.00040	0.0015	0.0019	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00094	U	0.00028	0.00094	0.0019	mg/Kg
75-09-2	Methylene Chloride	0.0030	U	0.0013	0.0030	0.0038	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00094	U	0.00032	0.00094	0.0019	mg/Kg
75-34-3	1,1-Dichloroethane	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
78-93-3	2-Butanone	0.0075	U	0.0025	0.0075	0.0094	mg/Kg
56-23-5	Carbon Tetrachloride	0.00094	U	0.00037	0.00094	0.0019	mg/Kg
594-20-7	2,2-Dichloropropane	0.0015	U	0.00048	0.0015	0.0019	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00094	U	0.00028	0.00094	0.0019	mg/Kg
67-66-3	Chloroform	0.0015	U	0.00032	0.0015	0.0019	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00094	U	0.00035	0.00094	0.0019	mg/Kg
563-58-6	1,1-Dichloropropene	0.00094	U	0.00033	0.00094	0.0019	mg/Kg
71-43-2	Benzene	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
107-06-2	1,2-Dichloroethane	0.00094	U	0.00030	0.00094	0.0019	mg/Kg
79-01-6	Trichloroethene	0.00094	U	0.00031	0.00094	0.0019	mg/Kg
78-87-5	1,2-Dichloropropane	0.00094	U	0.00034	0.00094	0.0019	mg/Kg
74-95-3	Dibromomethane	0.00094	U	0.00034	0.00094	0.0019	mg/Kg
75-27-4	Bromodichloromethane	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0047	U	0.0014	0.0047	0.0094	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.5
Sample Wt/Vol:	13.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022080.D	1		04/30/25 13:58	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00094	U	0.00023	0.00094	0.0019	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00094	U	0.00035	0.00094	0.0019	mg/Kg
142-28-9	1,3-Dichloropropane	0.00094	U	0.00026	0.00094	0.0019	mg/Kg
591-78-6	2-Hexanone	0.0047	U	0.0014	0.0047	0.0094	mg/Kg
124-48-1	Dibromochloromethane	0.00094	U	0.00033	0.00094	0.0019	mg/Kg
106-93-4	1,2-Dibromoethane	0.00094	U	0.00033	0.00094	0.0019	mg/Kg
127-18-4	Tetrachloroethene	0.00094	U	0.00040	0.00094	0.0019	mg/Kg
108-90-7	Chlorobenzene	0.00094	U	0.00034	0.00094	0.0019	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
100-41-4	Ethyl Benzene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
179601-23-1	m/p-Xylenes	0.0019	U	0.00047	0.0019	0.0038	mg/Kg
1330-20-7	Total Xylenes	0.0028	U	0.00078	0.0028	0.0057	mg/Kg
95-47-6	o-Xylene	0.00094	U	0.00031	0.00094	0.0019	mg/Kg
100-42-5	Styrene	0.00094	U	0.00027	0.00094	0.0019	mg/Kg
75-25-2	Bromoform	0.00094	U	0.00032	0.00094	0.0019	mg/Kg
98-82-8	Isopropylbenzene	0.00094	U	0.00029	0.00094	0.0019	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.00094	U	0.00046	0.00094	0.0019	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0015	U	0.00047	0.0015	0.0019	mg/Kg
108-86-1	Bromobenzene	0.00094	U	0.00045	0.00094	0.0019	mg/Kg
103-65-1	n-propylbenzene	0.00094	U	0.00028	0.00094	0.0019	mg/Kg
95-49-8	2-Chlorotoluene	0.00094	U	0.00026	0.00094	0.0019	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.00094	U	0.00031	0.00094	0.0019	mg/Kg
106-43-4	4-Chlorotoluene	0.00094	U	0.00046	0.00094	0.0019	mg/Kg
98-06-6	tert-Butylbenzene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.00094	U	0.00024	0.00094	0.0019	mg/Kg
135-98-8	sec-Butylbenzene	0.00094	U	0.00025	0.00094	0.0019	mg/Kg
99-87-6	p-Isopropyltoluene	0.00094	U	0.00023	0.00094	0.0019	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00094	U	0.00065	0.00094	0.0019	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00094	U	0.00059	0.00094	0.0019	mg/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.5
Sample Wt/Vol:	13.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022080.D	1		04/30/25 13:58	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.00094	U	0.00055	0.00094	0.0019	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00094	U	0.00055	0.00094	0.0019	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0015	U	0.00069	0.0015	0.0019	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0015	U	0.0011	0.0015	0.0019	mg/Kg
87-68-3	Hexachlorobutadiene	0.00094	U	0.00072	0.00094	0.0019	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0015	U	0.0012	0.0015	0.0019	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.00094	U	0.00040	0.00094	0.0019	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.6		71 - 136		103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	48.4		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.2		79 - 119		116%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	297000	7.707				
540-36-3	1,4-Difluorobenzene	551000	8.609				
3114-55-4	Chlorobenzene-d5	496000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	201000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.9
Sample Wt/Vol:	11.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022081.D	1		04/30/25 14:21	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0018	U	0.00053	0.0018	0.0023	mg/Kg
74-87-3	Chloromethane	0.0012	U	0.00053	0.0012	0.0023	mg/Kg
75-01-4	Vinyl Chloride	0.0012	U	0.00036	0.0012	0.0023	mg/Kg
74-83-9	Bromomethane	0.0018	U	0.00049	0.0018	0.0023	mg/Kg
75-00-3	Chloroethane	0.0012	U	0.00058	0.0012	0.0023	mg/Kg
109-99-9	Tetrahydrofuran	0.0058	U	0.0022	0.0058	0.012	mg/Kg
75-69-4	Trichlorofluoromethane	0.0018	U	0.00056	0.0018	0.0023	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0012	U	0.00049	0.0012	0.0023	mg/Kg
75-35-4	1,1-Dichloroethene	0.0012	U	0.00046	0.0012	0.0023	mg/Kg
107-13-1	Acrylonitrile	0.0058	U	0.0023	0.0058	0.012	mg/Kg
67-64-1	Acetone	0.021		0.0022	0.0092	0.012	mg/Kg
75-15-0	Carbon Disulfide	0.0018	U	0.00049	0.0018	0.0023	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0012	U	0.00034	0.0012	0.0023	mg/Kg
75-09-2	Methylene Chloride	0.0037	U	0.0016	0.0037	0.0046	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.00040	0.0012	0.0023	mg/Kg
75-34-3	1,1-Dichloroethane	0.0012	U	0.00037	0.0012	0.0023	mg/Kg
78-93-3	2-Butanone	0.0092	U	0.0030	0.0092	0.012	mg/Kg
56-23-5	Carbon Tetrachloride	0.0012	U	0.00045	0.0012	0.0023	mg/Kg
594-20-7	2,2-Dichloropropane	0.0018	U	0.00059	0.0018	0.0023	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.00035	0.0012	0.0023	mg/Kg
67-66-3	Chloroform	0.0018	U	0.00039	0.0018	0.0023	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.00043	0.0012	0.0023	mg/Kg
563-58-6	1,1-Dichloropropene	0.0012	U	0.00040	0.0012	0.0023	mg/Kg
71-43-2	Benzene	0.0012	U	0.00036	0.0012	0.0023	mg/Kg
107-06-2	1,2-Dichloroethane	0.0012	U	0.00036	0.0012	0.0023	mg/Kg
79-01-6	Trichloroethene	0.0012	U	0.00037	0.0012	0.0023	mg/Kg
78-87-5	1,2-Dichloropropane	0.0012	U	0.00042	0.0012	0.0023	mg/Kg
74-95-3	Dibromomethane	0.0012	U	0.00041	0.0012	0.0023	mg/Kg
75-27-4	Bromodichloromethane	0.0012	U	0.00036	0.0012	0.0023	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0058	U	0.0017	0.0058	0.012	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.9
Sample Wt/Vol:	11.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022081.D	1		04/30/25 14:21	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0012	U	0.00036	0.0012	0.0023	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0012	U	0.00030	0.0012	0.0023	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.00029	0.0012	0.0023	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.00042	0.0012	0.0023	mg/Kg
142-28-9	1,3-Dichloropropane	0.0012	U	0.00031	0.0012	0.0023	mg/Kg
591-78-6	2-Hexanone	0.0058	U	0.0017	0.0058	0.012	mg/Kg
124-48-1	Dibromochloromethane	0.0012	U	0.00040	0.0012	0.0023	mg/Kg
106-93-4	1,2-Dibromoethane	0.0012	U	0.00041	0.0012	0.0023	mg/Kg
127-18-4	Tetrachloroethene	0.0012	U	0.00048	0.0012	0.0023	mg/Kg
108-90-7	Chlorobenzene	0.0012	U	0.00042	0.0012	0.0023	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0012	U	0.00036	0.0012	0.0023	mg/Kg
100-41-4	Ethyl Benzene	0.0012	U	0.00031	0.0012	0.0023	mg/Kg
179601-23-1	m/p-Xylenes	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
1330-20-7	Total Xylenes	0.0035	U	0.00095	0.0035	0.0069	mg/Kg
95-47-6	o-Xylene	0.0012	U	0.00038	0.0012	0.0023	mg/Kg
100-42-5	Styrene	0.0012	U	0.00033	0.0012	0.0023	mg/Kg
75-25-2	Bromoform	0.0012	U	0.00040	0.0012	0.0023	mg/Kg
98-82-8	Isopropylbenzene	0.0012	U	0.00036	0.0012	0.0023	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.00056	0.0012	0.0023	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0018	U	0.00057	0.0018	0.0023	mg/Kg
108-86-1	Bromobenzene	0.0012	U	0.00055	0.0012	0.0023	mg/Kg
103-65-1	n-propylbenzene	0.0012	U	0.00034	0.0012	0.0023	mg/Kg
95-49-8	2-Chlorotoluene	0.0012	U	0.00031	0.0012	0.0023	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.00038	0.0012	0.0023	mg/Kg
106-43-4	4-Chlorotoluene	0.0012	U	0.00056	0.0012	0.0023	mg/Kg
98-06-6	tert-Butylbenzene	0.0012	U	0.00031	0.0012	0.0023	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.00030	0.0012	0.0023	mg/Kg
135-98-8	sec-Butylbenzene	0.0012	U	0.00030	0.0012	0.0023	mg/Kg
99-87-6	p-Isopropyltoluene	0.0012	U	0.00029	0.0012	0.0023	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.00079	0.0012	0.0023	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.00072	0.0012	0.0023	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.9
Sample Wt/Vol:	11.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022081.D	1		04/30/25 14:21	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0012	U	0.00067	0.0012	0.0023	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.00067	0.0012	0.0023	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0018	U	0.00085	0.0018	0.0023	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0018	U	0.0014	0.0018	0.0023	mg/Kg
87-68-3	Hexachlorobutadiene	0.0012	U	0.00088	0.0012	0.0023	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0018	U	0.0015	0.0018	0.0023	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0012	U	0.00049	0.0012	0.0023	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.2		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	48.7		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	296000	7.707				
540-36-3	1,4-Difluorobenzene	554000	8.616				
3114-55-4	Chlorobenzene-d5	498000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	189000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.3
Sample Wt/Vol:	14.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022086.D	1		04/30/25 16:42	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0014	U	0.00041	0.0014	0.0018	mg/Kg
74-87-3	Chloromethane	0.00089	U	0.00041	0.00089	0.0018	mg/Kg
75-01-4	Vinyl Chloride	0.00089	U	0.00028	0.00089	0.0018	mg/Kg
74-83-9	Bromomethane	0.0014	U	0.00038	0.0014	0.0018	mg/Kg
75-00-3	Chloroethane	0.00089	U	0.00045	0.00089	0.0018	mg/Kg
109-99-9	Tetrahydrofuran	0.0045	U	0.0017	0.0045	0.0089	mg/Kg
75-69-4	Trichlorofluoromethane	0.0014	U	0.00043	0.0014	0.0018	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00089	U	0.00038	0.00089	0.0018	mg/Kg
75-35-4	1,1-Dichloroethene	0.00089	U	0.00036	0.00089	0.0018	mg/Kg
107-13-1	Acrylonitrile	0.0045	U	0.0018	0.0045	0.0089	mg/Kg
67-64-1	Acetone	0.0071	U	0.0017	0.0071	0.0089	mg/Kg
75-15-0	Carbon Disulfide	0.0014	U	0.00038	0.0014	0.0018	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00089	U	0.00026	0.00089	0.0018	mg/Kg
75-09-2	Methylene Chloride	0.0028	U	0.0013	0.0028	0.0036	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00089	U	0.00031	0.00089	0.0018	mg/Kg
75-34-3	1,1-Dichloroethane	0.00089	U	0.00028	0.00089	0.0018	mg/Kg
78-93-3	2-Butanone	0.0071	U	0.0023	0.0071	0.0089	mg/Kg
56-23-5	Carbon Tetrachloride	0.00089	U	0.00035	0.00089	0.0018	mg/Kg
594-20-7	2,2-Dichloropropane	0.0014	U	0.00046	0.0014	0.0018	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00089	U	0.00027	0.00089	0.0018	mg/Kg
67-66-3	Chloroform	0.0014	U	0.00030	0.0014	0.0018	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00089	U	0.00033	0.00089	0.0018	mg/Kg
563-58-6	1,1-Dichloropropene	0.00089	U	0.00031	0.00089	0.0018	mg/Kg
71-43-2	Benzene	0.00089	U	0.00028	0.00089	0.0018	mg/Kg
107-06-2	1,2-Dichloroethane	0.00089	U	0.00028	0.00089	0.0018	mg/Kg
79-01-6	Trichloroethene	0.00089	U	0.00029	0.00089	0.0018	mg/Kg
78-87-5	1,2-Dichloropropane	0.00089	U	0.00032	0.00089	0.0018	mg/Kg
74-95-3	Dibromomethane	0.00089	U	0.00032	0.00089	0.0018	mg/Kg
75-27-4	Bromodichloromethane	0.00089	U	0.00028	0.00089	0.0018	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0045	U	0.0013	0.0045	0.0089	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.3
Sample Wt/Vol:	14.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022086.D	1		04/30/25 16:42	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.00089	U	0.00028	0.00089	0.0018	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.00089	U	0.00023	0.00089	0.0018	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00089	U	0.00022	0.00089	0.0018	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00089	U	0.00033	0.00089	0.0018	mg/Kg
142-28-9	1,3-Dichloropropane	0.00089	U	0.00024	0.00089	0.0018	mg/Kg
591-78-6	2-Hexanone	0.0045	U	0.0013	0.0045	0.0089	mg/Kg
124-48-1	Dibromochloromethane	0.00089	U	0.00031	0.00089	0.0018	mg/Kg
106-93-4	1,2-Dibromoethane	0.00089	U	0.00031	0.00089	0.0018	mg/Kg
127-18-4	Tetrachloroethene	0.00089	U	0.00037	0.00089	0.0018	mg/Kg
108-90-7	Chlorobenzene	0.00089	U	0.00032	0.00089	0.0018	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.00089	U	0.00027	0.00089	0.0018	mg/Kg
100-41-4	Ethyl Benzene	0.00089	U	0.00024	0.00089	0.0018	mg/Kg
179601-23-1	m/p-Xylenes	0.0018	U	0.00044	0.0018	0.0036	mg/Kg
1330-20-7	Total Xylenes	0.0027	U	0.00073	0.0027	0.0054	mg/Kg
95-47-6	o-Xylene	0.00089	U	0.00029	0.00089	0.0018	mg/Kg
100-42-5	Styrene	0.00089	U	0.00025	0.00089	0.0018	mg/Kg
75-25-2	Bromoform	0.00089	U	0.00031	0.00089	0.0018	mg/Kg
98-82-8	Isopropylbenzene	0.00089	U	0.00028	0.00089	0.0018	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.00089	U	0.00043	0.00089	0.0018	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0014	U	0.00044	0.0014	0.0018	mg/Kg
108-86-1	Bromobenzene	0.00089	U	0.00043	0.00089	0.0018	mg/Kg
103-65-1	n-propylbenzene	0.00089	U	0.00026	0.00089	0.0018	mg/Kg
95-49-8	2-Chlorotoluene	0.00089	U	0.00024	0.00089	0.0018	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.00089	U	0.00029	0.00089	0.0018	mg/Kg
106-43-4	4-Chlorotoluene	0.00089	U	0.00043	0.00089	0.0018	mg/Kg
98-06-6	tert-Butylbenzene	0.00089	U	0.00024	0.00089	0.0018	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.00089	U	0.00023	0.00089	0.0018	mg/Kg
135-98-8	sec-Butylbenzene	0.00089	U	0.00024	0.00089	0.0018	mg/Kg
99-87-6	p-Isopropyltoluene	0.00089	U	0.00022	0.00089	0.0018	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00089	U	0.00061	0.00089	0.0018	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00089	U	0.00056	0.00089	0.0018	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.3
Sample Wt/Vol:	14.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022086.D	1		04/30/25 16:42	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.00089	U	0.00052	0.00089	0.0018	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00089	U	0.00052	0.00089	0.0018	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0014	U	0.00066	0.0014	0.0018	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0014	U	0.0011	0.0014	0.0018	mg/Kg
87-68-3	Hexachlorobutadiene	0.00089	U	0.00068	0.00089	0.0018	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0014	U	0.0011	0.0014	0.0018	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.00089	U	0.00038	0.00089	0.0018	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.0		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	48.3		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		79 - 119		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	315000	7.707				
540-36-3	1,4-Difluorobenzene	598000	8.609				
3114-55-4	Chlorobenzene-d5	545000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	232000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.7
Sample Wt/Vol:	14.29 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022088.D	1		04/30/25 17:29	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0015	U	0.00042	0.0015	0.0018	mg/Kg
74-87-3	Chloromethane	0.00092	U	0.00042	0.00092	0.0018	mg/Kg
75-01-4	Vinyl Chloride	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
74-83-9	Bromomethane	0.0015	U	0.00040	0.0015	0.0018	mg/Kg
75-00-3	Chloroethane	0.00092	U	0.00047	0.00092	0.0018	mg/Kg
109-99-9	Tetrahydrofuran	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
75-69-4	Trichlorofluoromethane	0.0015	U	0.00045	0.0015	0.0018	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00092	U	0.00039	0.00092	0.0018	mg/Kg
75-35-4	1,1-Dichloroethene	0.00092	U	0.00037	0.00092	0.0018	mg/Kg
107-13-1	Acrylonitrile	0.0046	U	0.0018	0.0046	0.0092	mg/Kg
67-64-1	Acetone	0.0074	U	0.0018	0.0074	0.0092	mg/Kg
75-15-0	Carbon Disulfide	0.0015	U	0.00039	0.0015	0.0018	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00092	U	0.00027	0.00092	0.0018	mg/Kg
75-09-2	Methylene Chloride	0.0030	U	0.0013	0.0030	0.0037	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
75-34-3	1,1-Dichloroethane	0.00092	U	0.00030	0.00092	0.0018	mg/Kg
78-93-3	2-Butanone	0.0074	U	0.0024	0.0074	0.0092	mg/Kg
56-23-5	Carbon Tetrachloride	0.00092	U	0.00036	0.00092	0.0018	mg/Kg
594-20-7	2,2-Dichloropropane	0.0015	U	0.00047	0.0015	0.0018	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00092	U	0.00028	0.00092	0.0018	mg/Kg
67-66-3	Chloroform	0.0015	U	0.00031	0.0015	0.0018	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
563-58-6	1,1-Dichloropropene	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
71-43-2	Benzene	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
107-06-2	1,2-Dichloroethane	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
79-01-6	Trichloroethene	0.00092	U	0.00030	0.00092	0.0018	mg/Kg
78-87-5	1,2-Dichloropropane	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
74-95-3	Dibromomethane	0.00092	U	0.00033	0.00092	0.0018	mg/Kg
75-27-4	Bromodichloromethane	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0046	U	0.0013	0.0046	0.0092	mg/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.7
Sample Wt/Vol:	14.29 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022088.D	1		04/30/25 17:29	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.00092	U	0.00024	0.00092	0.0018	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00092	U	0.00023	0.00092	0.0018	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
142-28-9	1,3-Dichloropropane	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
591-78-6	2-Hexanone	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
124-48-1	Dibromochloromethane	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
106-93-4	1,2-Dibromoethane	0.00092	U	0.00033	0.00092	0.0018	mg/Kg
127-18-4	Tetrachloroethene	0.00092	U	0.00039	0.00092	0.0018	mg/Kg
108-90-7	Chlorobenzene	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.00092	U	0.00028	0.00092	0.0018	mg/Kg
100-41-4	Ethyl Benzene	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
179601-23-1	m/p-Xylenes	0.0018	U	0.00046	0.0018	0.0037	mg/Kg
1330-20-7	Total Xylenes	0.0027	U	0.00076	0.0027	0.0055	mg/Kg
95-47-6	o-Xylene	0.00092	U	0.00030	0.00092	0.0018	mg/Kg
100-42-5	Styrene	0.00092	U	0.00026	0.00092	0.0018	mg/Kg
75-25-2	Bromoform	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
98-82-8	Isopropylbenzene	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.00092	U	0.00045	0.00092	0.0018	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0015	U	0.00046	0.0015	0.0018	mg/Kg
108-86-1	Bromobenzene	0.00092	U	0.00044	0.00092	0.0018	mg/Kg
103-65-1	n-propylbenzene	0.00092	U	0.00027	0.00092	0.0018	mg/Kg
95-49-8	2-Chlorotoluene	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.00092	U	0.00030	0.00092	0.0018	mg/Kg
106-43-4	4-Chlorotoluene	0.00092	U	0.00045	0.00092	0.0018	mg/Kg
98-06-6	tert-Butylbenzene	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.00092	U	0.00024	0.00092	0.0018	mg/Kg
135-98-8	sec-Butylbenzene	0.00092	U	0.00024	0.00092	0.0018	mg/Kg
99-87-6	p-Isopropyltoluene	0.00092	U	0.00023	0.00092	0.0018	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00092	U	0.00063	0.00092	0.0018	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00092	U	0.00058	0.00092	0.0018	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.7
Sample Wt/Vol:	14.29 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022088.D	1		04/30/25 17:29	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.00092	U	0.00054	0.00092	0.0018	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00092	U	0.00054	0.00092	0.0018	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0015	U	0.00068	0.0015	0.0018	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0015	U	0.0011	0.0015	0.0018	mg/Kg
87-68-3	Hexachlorobutadiene	0.00092	U	0.00070	0.00092	0.0018	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0015	U	0.0012	0.0015	0.0018	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.00092	U	0.00039	0.00092	0.0018	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.9		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	48.2		85 - 116		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.2		79 - 119		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	370000	7.707				
540-36-3	1,4-Difluorobenzene	709000	8.609				
3114-55-4	Chlorobenzene-d5	641000	11.413				
3855-82-1	1,4-Dichlorobenzene-d4	256000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.8
Sample Wt/Vol:	14.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022084.D	1		04/30/25 15:55	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0015	U	0.00042	0.0015	0.0018	mg/Kg
74-87-3	Chloromethane	0.00092	U	0.00042	0.00092	0.0018	mg/Kg
75-01-4	Vinyl Chloride	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
74-83-9	Bromomethane	0.0015	U	0.00039	0.0015	0.0018	mg/Kg
75-00-3	Chloroethane	0.00092	U	0.00046	0.00092	0.0018	mg/Kg
109-99-9	Tetrahydrofuran	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
75-69-4	Trichlorofluoromethane	0.0015	U	0.00045	0.0015	0.0018	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00092	U	0.00039	0.00092	0.0018	mg/Kg
75-35-4	1,1-Dichloroethene	0.00092	U	0.00037	0.00092	0.0018	mg/Kg
107-13-1	Acrylonitrile	0.0046	U	0.0018	0.0046	0.0092	mg/Kg
67-64-1	Acetone	0.0074	U	0.0017	0.0074	0.0092	mg/Kg
75-15-0	Carbon Disulfide	0.0015	U	0.00039	0.0015	0.0018	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00092	U	0.00027	0.00092	0.0018	mg/Kg
75-09-2	Methylene Chloride	0.0029	U	0.0013	0.0029	0.0037	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
75-34-3	1,1-Dichloroethane	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
78-93-3	2-Butanone	0.0074	U	0.0024	0.0074	0.0092	mg/Kg
56-23-5	Carbon Tetrachloride	0.00092	U	0.00036	0.00092	0.0018	mg/Kg
594-20-7	2,2-Dichloropropane	0.0015	U	0.00047	0.0015	0.0018	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00092	U	0.00028	0.00092	0.0018	mg/Kg
67-66-3	Chloroform	0.0015	U	0.00031	0.0015	0.0018	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
563-58-6	1,1-Dichloropropene	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
71-43-2	Benzene	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
107-06-2	1,2-Dichloroethane	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
79-01-6	Trichloroethene	0.00092	U	0.00030	0.00092	0.0018	mg/Kg
78-87-5	1,2-Dichloropropane	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
74-95-3	Dibromomethane	0.00092	U	0.00033	0.00092	0.0018	mg/Kg
75-27-4	Bromodichloromethane	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0046	U	0.0013	0.0046	0.0092	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.8
Sample Wt/Vol:	14.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022084.D	1		04/30/25 15:55	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.00092	U	0.00024	0.00092	0.0018	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00092	U	0.00023	0.00092	0.0018	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
142-28-9	1,3-Dichloropropane	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
591-78-6	2-Hexanone	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
124-48-1	Dibromochloromethane	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
106-93-4	1,2-Dibromoethane	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
127-18-4	Tetrachloroethene	0.00092	U	0.00039	0.00092	0.0018	mg/Kg
108-90-7	Chlorobenzene	0.00092	U	0.00034	0.00092	0.0018	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.00092	U	0.00028	0.00092	0.0018	mg/Kg
100-41-4	Ethyl Benzene	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
179601-23-1	m/p-Xylenes	0.0018	U	0.00046	0.0018	0.0037	mg/Kg
1330-20-7	Total Xylenes	0.0027	U	0.00076	0.0027	0.0055	mg/Kg
95-47-6	o-Xylene	0.00092	U	0.00030	0.00092	0.0018	mg/Kg
100-42-5	Styrene	0.00092	U	0.00026	0.00092	0.0018	mg/Kg
75-25-2	Bromoform	0.00092	U	0.00032	0.00092	0.0018	mg/Kg
98-82-8	Isopropylbenzene	0.00092	U	0.00029	0.00092	0.0018	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.00092	U	0.00045	0.00092	0.0018	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0015	U	0.00046	0.0015	0.0018	mg/Kg
108-86-1	Bromobenzene	0.00092	U	0.00044	0.00092	0.0018	mg/Kg
103-65-1	n-propylbenzene	0.00092	U	0.00027	0.00092	0.0018	mg/Kg
95-49-8	2-Chlorotoluene	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.00092	U	0.00030	0.00092	0.0018	mg/Kg
106-43-4	4-Chlorotoluene	0.00092	U	0.00045	0.00092	0.0018	mg/Kg
98-06-6	tert-Butylbenzene	0.00092	U	0.00025	0.00092	0.0018	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.00092	U	0.00024	0.00092	0.0018	mg/Kg
135-98-8	sec-Butylbenzene	0.00092	U	0.00024	0.00092	0.0018	mg/Kg
99-87-6	p-Isopropyltoluene	0.00092	U	0.00023	0.00092	0.0018	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00092	U	0.00063	0.00092	0.0018	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00092	U	0.00057	0.00092	0.0018	mg/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.8
Sample Wt/Vol:	14.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022084.D	1		04/30/25 15:55	VY043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.00092	U	0.00053	0.00092	0.0018	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00092	U	0.00053	0.00092	0.0018	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0015	U	0.00068	0.0015	0.0018	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0015	U	0.0011	0.0015	0.0018	mg/Kg
87-68-3	Hexachlorobutadiene	0.00092	U	0.00070	0.00092	0.0018	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0015	U	0.0012	0.0015	0.0018	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.00092	U	0.00039	0.00092	0.0018	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.8		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	49.7		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.5		79 - 119		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	274000	7.707				
540-36-3	1,4-Difluorobenzene	527000	8.609				
3114-55-4	Chlorobenzene-d5	495000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	197000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	SO-TB-01-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022167.D	1		05/05/25 18:14	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0011	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0011	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0013	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0047	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0047	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0011	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0063	J	0.0035	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0065	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00097	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00075	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00084	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00093	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00091	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00089	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0036	0.013	0.025	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	SO-TB-01-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022167.D	1		05/05/25 18:14	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00092	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00068	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0037	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00088	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00091	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0012	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0020	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00082	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00071	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00068	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00082	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.0017	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.0016	0.0025	0.0050	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	SO-TB-01-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022167.D	1		05/05/25 18:14	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.0015	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.0015	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	U	0.0018	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0040	U	0.0030	0.0040	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.0019	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0040	U	0.0032	0.0040	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.2		71 - 136		112%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	49.4		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		79 - 119		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	239000	7.707				
540-36-3	1,4-Difluorobenzene	458000	8.616				
3114-55-4	Chlorobenzene-d5	407000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	151000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/29/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/29/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/30/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/30/25	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/30/25	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/30/25	
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/30/25	
Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			04/30/25	
Q1883-17	**SO-TB-01-042325**	**SOIL**			**04/23/25**			**04/25/25**
			VOCMS Group3	8260D			05/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1883

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :									
				0.000					
			Total Svoc :		**0.00**				
			Total Concentration:		**0.00**				

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050044.D	1	04/28/25 09:45	04/30/25 14:07	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	48.8		37 - 122		49%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.4		44 - 115		45%	SPK: 100
1718-51-0	Terphenyl-d14	51.0	*	54 - 127		51%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277000	7.763				
1146-65-2	Naphthalene-d8	941000	10.563				
15067-26-2	Acenaphthene-d10	630000	14.416				
1517-22-2	Phenanthrene-d10	1200000	17.157				
1719-03-5	Chrysene-d12	1140000	21.403				
1520-96-3	Perylene-d12	1180000	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050044.D	1	04/28/25 09:45	04/30/25 14:07	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050045.D	1	04/28/25 09:45	04/30/25 14:46	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	77.5		37 - 122		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.4		44 - 115		77%	SPK: 100
1718-51-0	Terphenyl-d14	91.0		54 - 127		91%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.763				
1146-65-2	Naphthalene-d8	900000	10.563				
15067-26-2	Acenaphthene-d10	601000	14.41				
1517-22-2	Phenanthrene-d10	1160000	17.157				
1719-03-5	Chrysene-d12	1060000	21.398				
1520-96-3	Perylene-d12	1120000	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050045.D	1	04/28/25 09:45	04/30/25 14:46	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050046.D	1	04/28/25 09:45	04/30/25 15:25	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.030	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.022	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.026	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.031	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.023	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.030	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	42.3		37 - 122		42%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.7	*	44 - 115		41%	SPK: 100
1718-51-0	Terphenyl-d14	45.3	*	54 - 127		45%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	273000	7.763				
1146-65-2	Naphthalene-d8	944000	10.563				
15067-26-2	Acenaphthene-d10	645000	14.41				
1517-22-2	Phenanthrene-d10	1220000	17.156				
1719-03-5	Chrysene-d12	1130000	21.397				
1520-96-3	Perylene-d12	1210000	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050046.D	1	04/28/25 09:45	04/30/25 15:25	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325RX	SDG No.:	Q1883
Lab Sample ID:	Q1883-05RX	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024525.D	1	05/02/25 10:10	05/05/25 14:43	PB167836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.030	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.022	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.026	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.031	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.023	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.030	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	35.9	*	37 - 122		36%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.5	*	44 - 115		36%	SPK: 100
1718-51-0	Terphenyl-d14	36.4	*	54 - 127		36%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.705				
1146-65-2	Naphthalene-d8	588000	10.475				
15067-26-2	Acenaphthene-d10	359000	14.334				
1517-22-2	Phenanthrene-d10	711000	17.134				
1719-03-5	Chrysene-d12	848000	21.575				
1520-96-3	Perylene-d12	1060000	24.921				

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325RX	SDG No.:	Q1883
Lab Sample ID:	Q1883-05RX	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024525.D	1	05/02/25 10:10	05/05/25 14:43	PB167836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050047.D	1	04/28/25 09:45	04/30/25 16:04	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.13	U	0.024	0.13	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.13	U	0.027	0.13	0.18	mg/Kg
208-96-8	Acenaphthylene	0.13	U	0.030	0.13	0.18	mg/Kg
83-32-9	Acenaphthene	0.13	U	0.022	0.13	0.18	mg/Kg
86-73-7	Fluorene	0.13	U	0.026	0.13	0.18	mg/Kg
85-01-8	Phenanthrene	0.13	U	0.022	0.13	0.18	mg/Kg
120-12-7	Anthracene	0.13	U	0.035	0.13	0.18	mg/Kg
206-44-0	Fluoranthene	0.13	U	0.031	0.13	0.18	mg/Kg
129-00-0	Pyrene	0.13	U	0.037	0.13	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.13	U	0.024	0.13	0.18	mg/Kg
218-01-9	Chrysene	0.13	U	0.021	0.13	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	U	0.020	0.13	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	U	0.023	0.13	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.13	U	0.031	0.13	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	U	0.030	0.13	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.028	0.13	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	U	0.027	0.13	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	46.5		37 - 122		46%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.6		44 - 115		46%	SPK: 100
1718-51-0	Terphenyl-d14	52.5	*	54 - 127		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260000	7.763				
1146-65-2	Naphthalene-d8	901000	10.563				
15067-26-2	Acenaphthene-d10	611000	14.41				
1517-22-2	Phenanthrene-d10	1200000	17.157				
1719-03-5	Chrysene-d12	1120000	21.398				
1520-96-3	Perylene-d12	1190000	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050047.D	1	04/28/25 09:45	04/30/25 16:04	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050048.D	1	04/28/25 09:45	04/30/25 16:44	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.13	U	0.023	0.13	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.13	U	0.026	0.13	0.18	mg/Kg
208-96-8	Acenaphthylene	0.13	U	0.030	0.13	0.18	mg/Kg
83-32-9	Acenaphthene	0.13	U	0.022	0.13	0.18	mg/Kg
86-73-7	Fluorene	0.13	U	0.026	0.13	0.18	mg/Kg
85-01-8	Phenanthrene	0.13	U	0.022	0.13	0.18	mg/Kg
120-12-7	Anthracene	0.13	U	0.034	0.13	0.18	mg/Kg
206-44-0	Fluoranthene	0.13	U	0.031	0.13	0.18	mg/Kg
129-00-0	Pyrene	0.13	U	0.037	0.13	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.13	U	0.024	0.13	0.18	mg/Kg
218-01-9	Chrysene	0.13	U	0.021	0.13	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	U	0.020	0.13	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	U	0.023	0.13	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.13	U	0.030	0.13	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	U	0.030	0.13	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.028	0.13	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	U	0.027	0.13	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	86.9		37 - 122		87%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.4		44 - 115		85%	SPK: 100
1718-51-0	Terphenyl-d14	102		54 - 127		102%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240000	7.763				
1146-65-2	Naphthalene-d8	851000	10.563				
15067-26-2	Acenaphthene-d10	586000	14.41				
1517-22-2	Phenanthrene-d10	1150000	17.156				
1719-03-5	Chrysene-d12	1100000	21.397				
1520-96-3	Perylene-d12	1200000	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050048.D	1	04/28/25 09:45	04/30/25 16:44	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050057.D	1	04/28/25 09:45	04/30/25 23:15	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.13	U	0.023	0.13	0.17	mg/Kg
91-57-6	2-Methylnaphthalene	0.13	U	0.026	0.13	0.17	mg/Kg
208-96-8	Acenaphthylene	0.13	U	0.030	0.13	0.17	mg/Kg
83-32-9	Acenaphthene	0.13	U	0.022	0.13	0.17	mg/Kg
86-73-7	Fluorene	0.13	U	0.026	0.13	0.17	mg/Kg
85-01-8	Phenanthrene	0.13	U	0.021	0.13	0.17	mg/Kg
120-12-7	Anthracene	0.13	U	0.034	0.13	0.17	mg/Kg
206-44-0	Fluoranthene	0.13	U	0.031	0.13	0.17	mg/Kg
129-00-0	Pyrene	0.13	U	0.037	0.13	0.17	mg/Kg
56-55-3	Benzo(a)anthracene	0.13	U	0.024	0.13	0.17	mg/Kg
218-01-9	Chrysene	0.13	U	0.020	0.13	0.17	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	U	0.020	0.13	0.17	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	U	0.023	0.13	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	0.13	U	0.030	0.13	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	U	0.030	0.13	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.028	0.13	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	U	0.026	0.13	0.17	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	52.1		37 - 122		52%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.0		44 - 115		51%	SPK: 100
1718-51-0	Terphenyl-d14	58.9		54 - 127		59%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.763				
1146-65-2	Naphthalene-d8	890000	10.557				
15067-26-2	Acenaphthene-d10	609000	14.41				
1517-22-2	Phenanthrene-d10	1190000	17.157				
1719-03-5	Chrysene-d12	1150000	21.392				
1520-96-3	Perylene-d12	1230000	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050057.D	1	04/28/25 09:45	04/30/25 23:15	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050058.D	1	04/28/25 09:45	04/30/25 23:54	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	49.2		37 - 122		49%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.7		44 - 115		47%	SPK: 100
1718-51-0	Terphenyl-d14	52.0	*	54 - 127		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245000	7.763				
1146-65-2	Naphthalene-d8	863000	10.557				
15067-26-2	Acenaphthene-d10	593000	14.41				
1517-22-2	Phenanthrene-d10	1180000	17.157				
1719-03-5	Chrysene-d12	1120000	21.392				
1520-96-3	Perylene-d12	1190000	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050058.D	1	04/28/25 09:45	04/30/25 23:54	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050059.D	1	04/28/25 09:45	05/01/25 00:33	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.030	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.022	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.026	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.031	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.023	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.030	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	74.5		37 - 122		75%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.4		44 - 115		72%	SPK: 100
1718-51-0	Terphenyl-d14	85.1		54 - 127		85%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245000	7.763				
1146-65-2	Naphthalene-d8	864000	10.557				
15067-26-2	Acenaphthene-d10	586000	14.41				
1517-22-2	Phenanthrene-d10	1150000	17.157				
1719-03-5	Chrysene-d12	1080000	21.392				
1520-96-3	Perylene-d12	1150000	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050059.D	1	04/28/25 09:45	05/01/25 00:33	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	0	U			0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	04/30/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	04/30/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	04/30/25	
Q1883-05RX	**OU4-PCS-TC-29-042325RX**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		05/02/25	05/05/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	04/30/25	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	04/30/25	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	04/30/25	
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	04/30/25	
Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**			**04/25/25**
			SVOCMS Group3	8270E		04/28/25	05/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095482.D	1	04/28/25 09:05	04/29/25 16:38	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
319-85-7	beta-BHC	0.00088	U	0.00019	0.00088	0.0018	mg/Kg
319-86-8	delta-BHC	0.00088	U	0.00041	0.00088	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
76-44-8	Heptachlor	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
309-00-2	Aldrin	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
60-57-1	Dieldrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-20-8	Endrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00088	U	0.00031	0.00088	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.1		55 - 130		101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		42 - 129		106%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095482.D	1	04/28/25 09:05	04/29/25 16:38	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095487.D	1	04/28/25 09:05	04/29/25 19:29	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
319-85-7	beta-BHC	0.00088	U	0.00019	0.00088	0.0018	mg/Kg
319-86-8	delta-BHC	0.00088	U	0.00041	0.00088	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
76-44-8	Heptachlor	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
309-00-2	Aldrin	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
60-57-1	Dieldrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-20-8	Endrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00088	U	0.00031	0.00088	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.7		55 - 130		108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.0		42 - 129		115%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095487.D	1	04/28/25 09:05	04/29/25 19:29	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95.7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095488.D	1	04/28/25 09:05	04/29/25 19:43	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
319-85-7	beta-BHC	0.00087	U	0.00019	0.00087	0.0018	mg/Kg
319-86-8	delta-BHC	0.00087	U	0.00041	0.00087	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
76-44-8	Heptachlor	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
309-00-2	Aldrin	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
60-57-1	Dieldrin	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-20-8	Endrin	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00087	U	0.00030	0.00087	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00087	U	0.00039	0.00087	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00087	U	0.00039	0.00087	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.4		55 - 130		72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		42 - 129		91%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95.7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095488.D	1	04/28/25 09:05	04/29/25 19:43	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095489.D	1	04/28/25 09:05	04/29/25 19:56	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
319-85-7	beta-BHC	0.00086	U	0.00019	0.00086	0.0018	mg/Kg
319-86-8	delta-BHC	0.00086	U	0.00040	0.00086	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
76-44-8	Heptachlor	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
309-00-2	Aldrin	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00086	U	0.00020	0.00086	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
60-57-1	Dieldrin	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-20-8	Endrin	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00086	U	0.00030	0.00086	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00086	U	0.00038	0.00086	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00086	U	0.00020	0.00086	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00086	U	0.00038	0.00086	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.3		55 - 130		102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		42 - 129		109%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095489.D	1	04/28/25 09:05	04/29/25 19:56	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095490.D	1	04/28/25 09:05	04/29/25 20:10	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
319-85-7	beta-BHC	0.00086	U	0.00019	0.00086	0.0018	mg/Kg
319-86-8	delta-BHC	0.00086	U	0.00040	0.00086	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
76-44-8	Heptachlor	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
309-00-2	Aldrin	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00086	U	0.00020	0.00086	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
60-57-1	Dieldrin	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-20-8	Endrin	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00086	U	0.00030	0.00086	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00086	U	0.00038	0.00086	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00086	U	0.00020	0.00086	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00086	U	0.00038	0.00086	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.9		55 - 130		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.5		42 - 129		107%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095490.D	1	04/28/25 09:05	04/29/25 20:10	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.3 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095491.D	1	04/28/25 09:05	04/29/25 20:24	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00034	U	0.00013	0.00034	0.0017	mg/Kg
319-85-7	beta-BHC	0.00085	U	0.00018	0.00085	0.0017	mg/Kg
319-86-8	delta-BHC	0.00085	U	0.00040	0.00085	0.0017	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00034	U	0.00014	0.00034	0.0017	mg/Kg
76-44-8	Heptachlor	0.00034	U	0.00012	0.00034	0.0017	mg/Kg
309-00-2	Aldrin	0.00034	U	0.00012	0.00034	0.0017	mg/Kg
1024-57-3	Heptachlor epoxide	0.00085	U	0.00020	0.00085	0.0017	mg/Kg
959-98-8	Endosulfan I	0.00034	U	0.00014	0.00034	0.0017	mg/Kg
60-57-1	Dieldrin	0.00034	U	0.00014	0.00034	0.0017	mg/Kg
72-55-9	4,4-DDE	0.00034	U	0.00014	0.00034	0.0017	mg/Kg
72-20-8	Endrin	0.00034	U	0.00014	0.00034	0.0017	mg/Kg
33213-65-9	Endosulfan II	0.00085	U	0.00030	0.00085	0.0017	mg/Kg
72-54-8	4,4-DDD	0.00034	U	0.00015	0.00034	0.0017	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00034	U	0.00013	0.00034	0.0017	mg/Kg
50-29-3	4,4-DDT	0.00034	U	0.00014	0.00034	0.0017	mg/Kg
72-43-5	Methoxychlor	0.00085	U	0.00038	0.00085	0.0017	mg/Kg
53494-70-5	Endrin ketone	0.00085	U	0.00020	0.00085	0.0017	mg/Kg
7421-93-4	Endrin aldehyde	0.00085	U	0.00038	0.00085	0.0017	mg/Kg
5103-71-9	alpha-Chlordane	0.00034	U	0.00012	0.00034	0.0017	mg/Kg
5103-74-2	gamma-Chlordane	0.00034	U	0.00015	0.00034	0.0017	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.2		55 - 130		101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		42 - 129		105%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.3 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095491.D	1	04/28/25 09:05	04/29/25 20:24	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095492.D	1	04/28/25 09:05	04/29/25 20:38	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
319-85-7	beta-BHC	0.00088	U	0.00019	0.00088	0.0018	mg/Kg
319-86-8	delta-BHC	0.00088	U	0.00041	0.00088	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
76-44-8	Heptachlor	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
309-00-2	Aldrin	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
60-57-1	Dieldrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-20-8	Endrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00088	U	0.00031	0.00088	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.0		55 - 130		105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.3		42 - 129		122%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095492.D	1	04/28/25 09:05	04/29/25 20:38	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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N = Presumptive Evidence of a Compound
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095493.D	1	04/28/25 09:05	04/29/25 20:51	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
319-85-7	beta-BHC	0.00087	U	0.00019	0.00086	0.0018	mg/Kg
319-86-8	delta-BHC	0.00087	U	0.00041	0.00086	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
76-44-8	Heptachlor	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
309-00-2	Aldrin	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00087	U	0.00020	0.00086	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
60-57-1	Dieldrin	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-20-8	Endrin	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00087	U	0.00030	0.00086	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00087	U	0.00039	0.00086	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00087	U	0.00020	0.00086	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00087	U	0.00039	0.00086	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.5		55 - 130		103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.6		42 - 129		118%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095493.D	1	04/28/25 09:05	04/29/25 20:51	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	

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LAB CHRONICLE

Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**		**04/25/25**
			PCB	8082A		04/29/25	04/29/25
			Pesticide-TCL	8081B		04/28/25	04/29/25

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071609.D	1	04/29/25 08:35	04/29/25 14:02	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.80	U	4.20	8.80	18.0	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.30	13.7	18.0	ug/kg
11141-16-5	Aroclor-1232	8.80	U	3.90	8.80	18.0	ug/kg
53469-21-9	Aroclor-1242	8.80	U	4.20	8.80	18.0	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.30	13.7	18.0	ug/kg
11097-69-1	Aroclor-1254	8.80	U	3.40	8.80	18.0	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	18.0	ug/kg
11100-14-4	Aroclor-1268	8.80	U	3.80	8.80	18.0	ug/kg
11096-82-5	Aroclor-1260	8.80	U	3.40	8.80	18.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		44 - 130		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		60 - 125		98%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071610.D	1	04/29/25 08:35	04/29/25 14:19	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.80	U	4.20	8.80	18.0	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.30	13.7	18.0	ug/kg
11141-16-5	Aroclor-1232	8.80	U	3.90	8.80	18.0	ug/kg
53469-21-9	Aroclor-1242	8.80	U	4.20	8.80	18.0	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.30	13.7	18.0	ug/kg
11097-69-1	Aroclor-1254	8.80	U	3.40	8.80	18.0	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	18.0	ug/kg
11100-14-4	Aroclor-1268	8.80	U	3.80	8.80	18.0	ug/kg
11096-82-5	Aroclor-1260	8.80	U	3.40	8.80	18.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		44 - 130		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 125		99%	SPK: 20

Comments:

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LOD = Limit of Detection
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.7 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071611.D	1	04/29/25 08:35	04/29/25 14:35	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.10	8.70	17.8	ug/kg
11104-28-2	Aroclor-1221	13.6	U	4.20	13.6	17.8	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.8	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.8	ug/kg
12672-29-6	Aroclor-1248	13.6	U	6.20	13.6	17.8	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.40	8.70	17.8	ug/kg
37324-23-5	Aroclor-1262	13.6	U	5.20	13.6	17.8	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.8	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.8		44 - 130		79%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		60 - 125		72%	SPK: 20

Comments:

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071612.D	1	04/29/25 08:35	04/29/25 14:51	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.60	U	4.10	8.60	17.6	ug/kg
11104-28-2	Aroclor-1221	13.4	U	4.20	13.4	17.6	ug/kg
11141-16-5	Aroclor-1232	8.60	U	3.80	8.60	17.6	ug/kg
53469-21-9	Aroclor-1242	8.60	U	4.10	8.60	17.6	ug/kg
12672-29-6	Aroclor-1248	13.4	U	6.10	13.4	17.6	ug/kg
11097-69-1	Aroclor-1254	8.60	U	3.30	8.60	17.6	ug/kg
37324-23-5	Aroclor-1262	13.4	U	5.20	13.4	17.6	ug/kg
11100-14-4	Aroclor-1268	8.60	U	3.70	8.60	17.6	ug/kg
11096-82-5	Aroclor-1260	8.60	U	3.30	8.60	17.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.0		44 - 130		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		60 - 125		102%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.9 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071613.D	1	04/29/25 08:35	04/29/25 15:08	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.50	U	4.10	8.50	17.5	ug/kg
11104-28-2	Aroclor-1221	13.4	U	4.10	13.4	17.5	ug/kg
11141-16-5	Aroclor-1232	8.50	U	3.80	8.50	17.5	ug/kg
53469-21-9	Aroclor-1242	8.50	U	4.10	8.50	17.5	ug/kg
12672-29-6	Aroclor-1248	13.4	U	6.10	13.4	17.5	ug/kg
11097-69-1	Aroclor-1254	8.50	U	3.30	8.50	17.5	ug/kg
37324-23-5	Aroclor-1262	13.4	U	5.20	13.4	17.5	ug/kg
11100-14-4	Aroclor-1268	8.50	U	3.70	8.50	17.5	ug/kg
11096-82-5	Aroclor-1260	8.50	U	3.30	8.50	17.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.6		44 - 130		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		60 - 125		103%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	97.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071619.D	1	04/29/25 08:35	04/29/25 18:07	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.50	U	4.10	8.50	17.5	ug/kg
11104-28-2	Aroclor-1221	13.3	U	4.10	13.3	17.5	ug/kg
11141-16-5	Aroclor-1232	8.50	U	3.80	8.50	17.5	ug/kg
53469-21-9	Aroclor-1242	8.50	U	4.10	8.50	17.5	ug/kg
12672-29-6	Aroclor-1248	13.3	U	6.10	13.3	17.5	ug/kg
11097-69-1	Aroclor-1254	8.50	U	3.30	8.50	17.5	ug/kg
37324-23-5	Aroclor-1262	13.3	U	5.20	13.3	17.5	ug/kg
11100-14-4	Aroclor-1268	8.50	U	3.70	8.50	17.5	ug/kg
11096-82-5	Aroclor-1260	8.50	U	3.30	8.50	17.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.7		44 - 130		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 125		103%	SPK: 20

Comments:

U = Not Detected
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071620.D	1	04/29/25 08:35	04/29/25 18:23	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.20	8.70	17.9	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.20	13.7	17.9	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.9	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.9	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.20	13.7	17.9	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.40	8.70	17.9	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	17.9	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.9	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.1		44 - 130		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		60 - 125		106%	SPK: 20

Comments:

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.8 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071621.D	1	04/29/25 08:35	04/29/25 18:40	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.10	8.70	17.7	ug/kg
11104-28-2	Aroclor-1221	13.6	U	4.20	13.6	17.7	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.7	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.7	ug/kg
12672-29-6	Aroclor-1248	13.6	U	6.20	13.6	17.7	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.30	8.70	17.7	ug/kg
37324-23-5	Aroclor-1262	13.6	U	5.20	13.6	17.7	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.7	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.2		44 - 130		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		60 - 125		103%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	
Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**			**04/25/25**
			PCB	8082A		04/29/25	04/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030017.D	1	04/30/25 08:50	05/01/25 13:51	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0082	0.035	0.071	mg/Kg
75-99-0	DALAPON	0.053	U	0.019	0.053	0.071	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.014	0.035	0.071	mg/Kg
94-75-7	2,4-D	0.035	U	0.0096	0.035	0.071	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0096	0.035	0.071	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0092	0.035	0.071	mg/Kg
94-82-6	2,4-DB	0.035	U	0.026	0.035	0.071	mg/Kg
88-85-7	DINOSEB	0.035	U	0.011	0.035	0.071	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	412		27 - 122		82%	SPK: 500

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030018.D	1	04/30/25 08:50	05/01/25 14:15	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0082	0.035	0.071	mg/Kg
75-99-0	DALAPON	0.053	U	0.019	0.053	0.071	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.014	0.035	0.071	mg/Kg
94-75-7	2,4-D	0.035	U	0.0095	0.035	0.071	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0096	0.035	0.071	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0092	0.035	0.071	mg/Kg
94-82-6	2,4-DB	0.035	U	0.026	0.035	0.071	mg/Kg
88-85-7	DINOSEB	0.035	U	0.011	0.035	0.071	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	338		27 - 122		68%	SPK: 500

Comments:

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	95.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030019.D	1	04/30/25 08:50	05/01/25 14:39	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0081	0.034	0.070	mg/Kg
75-99-0	DALAPON	0.052	U	0.018	0.052	0.070	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.013	0.034	0.070	mg/Kg
94-75-7	2,4-D	0.034	U	0.0094	0.034	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0095	0.034	0.070	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.0091	0.034	0.070	mg/Kg
94-82-6	2,4-DB	0.034	U	0.025	0.034	0.070	mg/Kg
88-85-7	DINOSEB	0.034	U	0.011	0.034	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	138		27 - 122		28%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	96.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030020.D	1	04/30/25 08:50	05/01/25 15:04	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0080	0.034	0.069	mg/Kg
75-99-0	DALAPON	0.052	U	0.018	0.052	0.069	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.013	0.034	0.069	mg/Kg
94-75-7	2,4-D	0.034	U	0.0094	0.034	0.069	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0094	0.034	0.069	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.0090	0.034	0.069	mg/Kg
94-82-6	2,4-DB	0.034	U	0.025	0.034	0.069	mg/Kg
88-85-7	DINOSEB	0.034	U	0.011	0.034	0.069	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	371		27 - 122		74%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	96.9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030021.D	1	04/30/25 08:50	05/01/25 15:28	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0080	0.034	0.069	mg/Kg
75-99-0	DALAPON	0.052	U	0.018	0.052	0.069	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.013	0.034	0.069	mg/Kg
94-75-7	2,4-D	0.034	U	0.0093	0.034	0.069	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0093	0.034	0.069	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.0090	0.034	0.069	mg/Kg
94-82-6	2,4-DB	0.034	U	0.025	0.034	0.069	mg/Kg
88-85-7	DINOSEB	0.034	U	0.011	0.034	0.069	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	390		27 - 122		78%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	97.3 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030022.D	1	04/30/25 08:50	05/01/25 15:52	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0080	0.034	0.069	mg/Kg
75-99-0	DALAPON	0.051	U	0.018	0.051	0.069	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.013	0.034	0.069	mg/Kg
94-75-7	2,4-D	0.034	U	0.0093	0.034	0.069	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0093	0.034	0.069	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.0089	0.034	0.069	mg/Kg
94-82-6	2,4-DB	0.034	U	0.025	0.034	0.069	mg/Kg
88-85-7	DINOSEB	0.034	U	0.011	0.034	0.069	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	327		27 - 122		65%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.7 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030023.D	1	04/30/25 08:50	05/01/25 16:16	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0082	0.035	0.071	mg/Kg
75-99-0	DALAPON	0.053	U	0.019	0.053	0.071	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.014	0.035	0.071	mg/Kg
94-75-7	2,4-D	0.035	U	0.0095	0.035	0.071	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0096	0.035	0.071	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0092	0.035	0.071	mg/Kg
94-82-6	2,4-DB	0.035	U	0.026	0.035	0.071	mg/Kg
88-85-7	DINOSEB	0.035	U	0.011	0.035	0.071	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	365		27 - 122		73%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	95.8 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030024.D	1	04/30/25 08:50	05/01/25 16:40	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0081	0.034	0.070	mg/Kg
75-99-0	DALAPON	0.052	U	0.018	0.052	0.070	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.013	0.034	0.070	mg/Kg
94-75-7	2,4-D	0.034	U	0.0094	0.034	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0094	0.034	0.070	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.0091	0.034	0.070	mg/Kg
94-82-6	2,4-DB	0.034	U	0.025	0.034	0.070	mg/Kg
88-85-7	DINOSEB	0.034	U	0.011	0.034	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	409		27 - 122		82%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25	
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25	
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25	
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25	
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25	
			PCB	8082A		04/29/25	04/29/25	
			Pesticide-TCL	8081B		04/28/25	04/29/25	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25	

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LAB CHRONICLE

			PCB	8082A		04/29/25	04/29/25
			Pesticide-TCL	8081B		04/28/25	04/29/25
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**		**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25
			PCB	8082A		04/29/25	04/29/25
			Pesticide-TCL	8081B		04/28/25	04/29/25
Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**		**04/25/25**
			Herbicide Group1	8151A		04/30/25	05/01/25
			PCB	8082A		04/29/25	04/29/25
			Pesticide-TCL	8081B		04/28/25	04/29/25

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-PCS-TC-27-042325									
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Aluminum	8700		0.74	3.54	4.43	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Arsenic	1.69		0.17	0.71	0.89	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Barium	20.9		0.65	1.11	4.43	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Beryllium	0.28		0.022	0.066	0.27	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Cadmium	1.00		0.021	0.066	0.27	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Calcium	9370		9.83	22.1	88.6	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Chromium	1.60		0.042	0.11	0.44	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Cobalt	17.7		0.089	0.33	1.33	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Copper	41.6		0.20	0.71	0.89	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Iron	28400		3.53	3.54	4.43	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Lead	1.26		0.12	0.43	0.53	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Magnesium	6530		10.6	22.1	88.6	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Manganese	285		0.12	0.22	0.89	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Mercury	0.018		0.0070	0.010	0.013	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Nickel	9.15		0.12	0.44	1.77	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Potassium	107		24.5	70.8	88.6	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Sodium	1010		15.8	70.8	88.6	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Vanadium	78.5		0.22	0.89	1.77	mg/Kg
Q1883-01	OU4-PCS-TC-27-042325	SOIL	Zinc	30.4		0.20	0.44	1.77	mg/Kg
Client ID : OU4-PCS-TC-28-042325									
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Aluminum	8380		0.82	3.88	4.85	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Arsenic	1.45		0.18	0.78	0.97	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Barium	30.3		0.71	1.21	4.85	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Beryllium	0.29	J	0.024	0.073	0.29	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Cadmium	0.96		0.023	0.073	0.29	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Calcium	11000		10.8	24.3	97.1	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Chromium	0.84		0.046	0.12	0.49	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Cobalt	19.4		0.097	0.36	1.46	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Copper	43.7		0.21	0.78	0.97	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Iron	33400		3.87	3.88	4.85	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Lead	1.04		0.13	0.47	0.58	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Magnesium	6250		11.6	24.3	97.1	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Manganese	370		0.14	0.24	0.97	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Nickel	7.01		0.13	0.49	1.94	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Potassium	91.5	J	26.9	77.7	97.1	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Sodium	862		17.3	77.7	97.1	mg/Kg
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Vanadium	82.0		0.24	0.97	1.94	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1883-03	OU4-PCS-TC-28-042325	SOIL	Zinc	40.4		0.22	0.49	1.94	mg/Kg
Client ID :	**OU4-PCS-TC-29-042325**								
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Aluminum	7870		0.86	4.08	5.10	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Arsenic	1.47		0.19	0.82	1.02	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Barium	15.0		0.74	1.27	5.10	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Beryllium	0.24	J	0.025	0.076	0.31	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Cadmium	0.55		0.024	0.076	0.31	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Calcium	8560		11.3	25.5	102	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Chromium	2.27		0.048	0.13	0.51	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Cobalt	16.5		0.10	0.38	1.53	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Copper	40.8		0.22	0.82	1.02	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Iron	26300		4.07	4.08	5.10	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Lead	1.26		0.13	0.49	0.61	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Magnesium	5660		12.2	25.5	102	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Manganese	271		0.14	0.26	1.02	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Nickel	8.54		0.13	0.51	2.04	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Potassium	116		28.2	81.6	102	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Sodium	968		18.1	81.6	102	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Vanadium	67.2		0.26	1.02	2.04	mg/Kg
Q1883-05	OU4-PCS-TC-29-042325	SOIL	Zinc	30.9		0.23	0.51	2.04	mg/Kg
Client ID :	**OU4-PCS-TC-30-042325**								
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Aluminum	7060		0.83	3.95	4.93	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Arsenic	1.31		0.19	0.79	0.99	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Barium	14.2		0.72	1.23	4.93	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Beryllium	0.21	J	0.025	0.074	0.30	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Cadmium	0.62		0.024	0.074	0.30	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Calcium	8970		10.9	24.7	98.7	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Chromium	0.86		0.046	0.12	0.49	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Cobalt	17.1		0.099	0.37	1.48	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Copper	46.0		0.22	0.79	0.99	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Iron	27000		3.94	3.95	4.93	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Lead	1.04		0.13	0.47	0.59	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Magnesium	4950		11.8	24.7	98.7	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Manganese	241		0.14	0.25	0.99	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Nickel	7.14		0.13	0.49	1.97	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Potassium	119		27.3	79.0	98.7	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Sodium	859		17.6	79.0	98.7	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Vanadium	68.9		0.25	0.99	1.97	mg/Kg
Q1883-07	OU4-PCS-TC-30-042325	SOIL	Zinc	32.6		0.23	0.49	1.97	mg/Kg

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-PCS-TC-31-042325									
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Aluminum	8400		0.77	3.67	4.59	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Arsenic	2.43		0.17	0.73	0.92	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Barium	27.7		0.67	1.15	4.59	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Beryllium	0.26	J	0.023	0.069	0.28	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Cadmium	0.74		0.022	0.069	0.28	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Calcium	11200		10.2	22.9	91.7	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Chromium	1.64		0.043	0.12	0.46	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Cobalt	19.4		0.092	0.34	1.38	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Copper	42.2		0.20	0.73	0.92	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Iron	33800		3.66	3.67	4.59	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Lead	1.53		0.12	0.44	0.55	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Magnesium	5920		11.0	22.9	91.7	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Manganese	284		0.13	0.23	0.92	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Nickel	8.09		0.12	0.46	1.83	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Potassium	147		25.4	73.4	91.7	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Silver	0.34	J	0.11	0.23	0.46	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Sodium	1130		16.3	73.4	91.7	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Vanadium	91.1		0.23	0.92	1.83	mg/Kg
Q1883-09	OU4-PCS-TC-31-042325	SOIL	Zinc	38.8		0.21	0.46	1.83	mg/Kg
Client ID : OU4-PCS-TC-32-042325									
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Aluminum	8150		0.80	3.82	4.78	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Arsenic	2.12		0.18	0.77	0.96	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Barium	29.3		0.70	1.20	4.78	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Beryllium	0.28	J	0.024	0.072	0.29	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Cadmium	1.33		0.023	0.072	0.29	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Calcium	11100		10.6	23.9	95.6	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Chromium	0.83		0.045	0.12	0.48	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Cobalt	19.3		0.096	0.36	1.43	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Copper	46.1		0.21	0.77	0.96	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Iron	32200		3.81	3.82	4.78	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Lead	2.06		0.12	0.46	0.57	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Magnesium	5610		11.5	23.9	95.6	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Manganese	292		0.13	0.24	0.96	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Nickel	7.08		0.12	0.48	1.91	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Potassium	123		26.5	76.5	95.6	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Sodium	951		17.0	76.5	95.6	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Vanadium	84.8		0.24	0.96	1.91	mg/Kg
Q1883-11	OU4-PCS-TC-32-042325	SOIL	Zinc	37.7		0.22	0.48	1.91	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-18-042325									
Q1883-13	OU4-VSL-18-042325	SOIL	Aluminum	6230		0.79	3.74	4.67	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Arsenic	1.51		0.18	0.75	0.93	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Barium	4.99		0.68	1.17	4.67	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Beryllium	0.16	J	0.023	0.070	0.28	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Cadmium	0.21	J	0.022	0.070	0.28	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Calcium	5000		10.4	23.4	93.4	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Chromium	1.33		0.044	0.12	0.47	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Cobalt	12.8		0.093	0.35	1.40	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Copper	38.0		0.21	0.75	0.93	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Iron	18900		3.73	3.74	4.67	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Lead	1.33		0.12	0.45	0.56	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Magnesium	4110		11.2	23.4	93.4	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Manganese	135		0.13	0.23	0.93	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Nickel	7.79		0.12	0.47	1.87	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Potassium	84.1	J	25.9	74.8	93.4	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Silver	0.14	J	0.11	0.23	0.47	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Sodium	960		16.6	74.8	93.4	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Vanadium	63.2		0.23	0.93	1.87	mg/Kg
Q1883-13	OU4-VSL-18-042325	SOIL	Zinc	23.9		0.22	0.47	1.87	mg/Kg
Client ID : OU4-VSL-19-042325									
Q1883-15	OU4-VSL-19-042325	SOIL	Aluminum	6590		0.80	3.80	4.74	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Arsenic	0.74	J	0.18	0.76	0.95	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Barium	7.01		0.69	1.19	4.74	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Beryllium	0.19	J	0.024	0.071	0.28	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Cadmium	0.60		0.023	0.071	0.28	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Calcium	5130		10.5	23.7	94.9	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Chromium	0.94		0.045	0.12	0.47	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Cobalt	14.1		0.095	0.36	1.42	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Copper	40.0		0.21	0.76	0.95	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Iron	21500		3.79	3.80	4.74	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Lead	0.74		0.12	0.46	0.57	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Magnesium	4060		11.4	23.7	94.9	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Manganese	162		0.13	0.24	0.95	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Nickel	6.66		0.12	0.47	1.90	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Potassium	81.3	J	26.3	75.9	94.9	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Sodium	817		16.9	75.9	94.9	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Vanadium	64.6		0.24	0.95	1.90	mg/Kg
Q1883-15	OU4-VSL-19-042325	SOIL	Zinc	30.7		0.22	0.47	1.90	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.:	Q1883	**Order ID:**	Q1883
Client:	Nobis Group	**Project ID:**	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8700		1	0.74	3.54	4.43	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-36-0	Antimony	0.55	UN	1	0.20	0.55	2.21	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-38-2	Arsenic	1.69	N*	1	0.17	0.71	0.89	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-39-3	Barium	20.9	N	1	0.65	1.11	4.43	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-41-7	Beryllium	0.28	N	1	0.022	0.066	0.27	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-43-9	Cadmium	1.00		1	0.021	0.066	0.27	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-70-2	Calcium	9370		1	9.83	22.1	88.6	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-47-3	Chromium	1.60	N	1	0.042	0.11	0.44	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-48-4	Cobalt	17.7	N	1	0.089	0.33	1.33	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-50-8	Copper	41.6		1	0.20	0.71	0.89	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7439-89-6	Iron	28400		1	3.53	3.54	4.43	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7439-92-1	Lead	1.26	*	1	0.12	0.43	0.53	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7439-95-4	Magnesium	6530		1	10.6	22.1	88.6	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7439-96-5	Manganese	285		1	0.12	0.22	0.89	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7439-97-6	Mercury	0.018		1	0.0070	0.010	0.013	mg/Kg	04/28/25 09:05	04/28/25 10:55	SW7471B	
7440-02-0	Nickel	9.15		1	0.12	0.44	1.77	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-09-7	Potassium	107		1	24.5	70.8	88.6	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7782-49-2	Selenium	0.71	UN	1	0.23	0.71	0.89	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-22-4	Silver	0.22	UN	1	0.11	0.22	0.44	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-23-5	Sodium	1010	*	1	15.8	70.8	88.6	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-28-0	Thallium	0.89	U	1	0.20	0.89	1.77	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-62-2	Vanadium	78.5		1	0.22	0.89	1.77	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050
7440-66-6	Zinc	30.4	N	1	0.20	0.44	1.77	mg/Kg	04/28/25 10:10	04/30/25 19:00	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8380		1	0.82	3.88	4.85	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-36-0	Antimony	0.61	UN	1	0.21	0.61	2.43	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-38-2	Arsenic	1.45	N*	1	0.18	0.78	0.97	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-39-3	Barium	30.3	N	1	0.71	1.21	4.85	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-41-7	Beryllium	0.29	JN	1	0.024	0.073	0.29	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-43-9	Cadmium	0.96		1	0.023	0.073	0.29	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-70-2	Calcium	11000		1	10.8	24.3	97.1	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-47-3	Chromium	0.84	N	1	0.046	0.12	0.49	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-48-4	Cobalt	19.4	N	1	0.097	0.36	1.46	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-50-8	Copper	43.7		1	0.21	0.78	0.97	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7439-89-6	Iron	33400		1	3.87	3.88	4.85	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7439-92-1	Lead	1.04	*	1	0.13	0.47	0.58	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7439-95-4	Magnesium	6250		1	11.6	24.3	97.1	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7439-96-5	Manganese	370		1	0.14	0.24	0.97	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7439-97-6	Mercury	0.012	U	1	0.0080	0.012	0.015	mg/Kg	04/28/25 09:05	04/28/25 10:58	SW7471B	
7440-02-0	Nickel	7.01		1	0.13	0.49	1.94	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-09-7	Potassium	91.5	J	1	26.9	77.7	97.1	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7782-49-2	Selenium	0.78	UN	1	0.25	0.78	0.97	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-22-4	Silver	0.24	UN	1	0.12	0.24	0.49	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-23-5	Sodium	862	*	1	17.3	77.7	97.1	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-28-0	Thallium	0.97	U	1	0.22	0.97	1.94	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-62-2	Vanadium	82.0		1	0.24	0.97	1.94	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050
7440-66-6	Zinc	40.4	N	1	0.22	0.49	1.94	mg/Kg	04/28/25 10:10	04/30/25 19:13	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7870		1	0.86	4.08	5.10	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-36-0	Antimony	0.64	UN	1	0.22	0.64	2.55	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-38-2	Arsenic	1.47	N*	1	0.19	0.82	1.02	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-39-3	Barium	15.0	N	1	0.74	1.27	5.10	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-41-7	Beryllium	0.24	JN	1	0.025	0.076	0.31	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-43-9	Cadmium	0.55		1	0.024	0.076	0.31	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-70-2	Calcium	8560		1	11.3	25.5	102	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-47-3	Chromium	2.27	N	1	0.048	0.13	0.51	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-48-4	Cobalt	16.5	N	1	0.10	0.38	1.53	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-50-8	Copper	40.8		1	0.22	0.82	1.02	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7439-89-6	Iron	26300		1	4.07	4.08	5.10	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7439-92-1	Lead	1.26	*	1	0.13	0.49	0.61	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7439-95-4	Magnesium	5660		1	12.2	25.5	102	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7439-96-5	Manganese	271		1	0.14	0.26	1.02	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0070	0.011	0.013	mg/Kg	04/28/25 09:05	04/28/25 11:00	SW7471B	
7440-02-0	Nickel	8.54		1	0.13	0.51	2.04	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-09-7	Potassium	116		1	28.2	81.6	102	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7782-49-2	Selenium	0.82	UN	1	0.27	0.82	1.02	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.12	0.26	0.51	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-23-5	Sodium	968	*	1	18.1	81.6	102	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-28-0	Thallium	1.02	U	1	0.23	1.02	2.04	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-62-2	Vanadium	67.2		1	0.26	1.02	2.04	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050
7440-66-6	Zinc	30.9	N	1	0.23	0.51	2.04	mg/Kg	04/28/25 10:10	04/30/25 19:17	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7060		1	0.83	3.95	4.93	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-36-0	Antimony	0.62	UN	1	0.22	0.62	2.47	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-38-2	Arsenic	1.31	N*	1	0.19	0.79	0.99	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-39-3	Barium	14.2	N	1	0.72	1.23	4.93	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-41-7	Beryllium	0.21	JN	1	0.025	0.074	0.30	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-43-9	Cadmium	0.62		1	0.024	0.074	0.30	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-70-2	Calcium	8970		1	10.9	24.7	98.7	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-47-3	Chromium	0.86	N	1	0.046	0.12	0.49	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-48-4	Cobalt	17.1	N	1	0.099	0.37	1.48	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-50-8	Copper	46.0		1	0.22	0.79	0.99	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7439-89-6	Iron	27000		1	3.94	3.95	4.93	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7439-92-1	Lead	1.04	*	1	0.13	0.47	0.59	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7439-95-4	Magnesium	4950		1	11.8	24.7	98.7	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7439-96-5	Manganese	241		1	0.14	0.25	0.99	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0080	0.011	0.014	mg/Kg	04/28/25 09:05	04/28/25 11:02	SW7471B	
7440-02-0	Nickel	7.14		1	0.13	0.49	1.97	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-09-7	Potassium	119		1	27.3	79.0	98.7	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7782-49-2	Selenium	0.79	UN	1	0.26	0.79	0.99	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-22-4	Silver	0.25	UN	1	0.12	0.25	0.49	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-23-5	Sodium	859	*	1	17.6	79.0	98.7	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-28-0	Thallium	0.99	U	1	0.23	0.99	1.97	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-62-2	Vanadium	68.9		1	0.25	0.99	1.97	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050
7440-66-6	Zinc	32.6	N	1	0.23	0.49	1.97	mg/Kg	04/28/25 10:10	04/30/25 19:33	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8400		1	0.77	3.67	4.59	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-36-0	Antimony	0.57	UN	1	0.20	0.57	2.29	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-38-2	Arsenic	2.43	N*	1	0.17	0.73	0.92	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-39-3	Barium	27.7	N	1	0.67	1.15	4.59	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-41-7	Beryllium	0.26	JN	1	0.023	0.069	0.28	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-43-9	Cadmium	0.74		1	0.022	0.069	0.28	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-70-2	Calcium	11200		1	10.2	22.9	91.7	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-47-3	Chromium	1.64	N	1	0.043	0.12	0.46	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-48-4	Cobalt	19.4	N	1	0.092	0.34	1.38	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-50-8	Copper	42.2		1	0.20	0.73	0.92	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7439-89-6	Iron	33800		1	3.66	3.67	4.59	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7439-92-1	Lead	1.53	*	1	0.12	0.44	0.55	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7439-95-4	Magnesium	5920		1	11.0	22.9	91.7	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7439-96-5	Manganese	284		1	0.13	0.23	0.92	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7439-97-6	Mercury	0.012	U	1	0.0080	0.012	0.014	mg/Kg	04/28/25 09:05	04/28/25 11:05	SW7471B	
7440-02-0	Nickel	8.09		1	0.12	0.46	1.83	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-09-7	Potassium	147		1	25.4	73.4	91.7	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7782-49-2	Selenium	0.73	UN	1	0.24	0.73	0.92	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-22-4	Silver	0.34	JN	1	0.11	0.23	0.46	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-23-5	Sodium	1130	*	1	16.3	73.4	91.7	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-28-0	Thallium	0.92	U	1	0.21	0.92	1.83	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-62-2	Vanadium	91.1		1	0.23	0.92	1.83	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050
7440-66-6	Zinc	38.8	N	1	0.21	0.46	1.83	mg/Kg	04/28/25 10:10	04/30/25 19:45	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8150		1	0.80	3.82	4.78	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-36-0	Antimony	0.60	UN	1	0.21	0.60	2.39	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-38-2	Arsenic	2.12	N*	1	0.18	0.77	0.96	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-39-3	Barium	29.3	N	1	0.70	1.20	4.78	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-41-7	Beryllium	0.28	JN	1	0.024	0.072	0.29	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-43-9	Cadmium	1.33		1	0.023	0.072	0.29	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-70-2	Calcium	11100		1	10.6	23.9	95.6	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-47-3	Chromium	0.83	N	1	0.045	0.12	0.48	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-48-4	Cobalt	19.3	N	1	0.096	0.36	1.43	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-50-8	Copper	46.1		1	0.21	0.77	0.96	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7439-89-6	Iron	32200		1	3.81	3.82	4.78	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7439-92-1	Lead	2.06	*	1	0.12	0.46	0.57	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7439-95-4	Magnesium	5610		1	11.5	23.9	95.6	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7439-96-5	Manganese	292		1	0.13	0.24	0.96	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7439-97-6	Mercury	0.010	U	1	0.0070	0.010	0.012	mg/Kg	04/28/25 09:05	04/28/25 11:11	SW7471B	
7440-02-0	Nickel	7.08		1	0.12	0.48	1.91	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-09-7	Potassium	123		1	26.5	76.5	95.6	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7782-49-2	Selenium	0.77	UN	1	0.25	0.77	0.96	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-22-4	Silver	0.24	UN	1	0.12	0.24	0.48	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-23-5	Sodium	951	J	1	17.0	76.5	95.6	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-28-0	Thallium	0.96	U	1	0.22	0.96	1.91	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-62-2	Vanadium	84.8		1	0.24	0.96	1.91	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050
7440-66-6	Zinc	37.7	N	1	0.22	0.48	1.91	mg/Kg	04/28/25 10:10	04/30/25 19:50	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6230		1	0.79	3.74	4.67	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-36-0	Antimony	0.58	UN	1	0.21	0.58	2.34	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-38-2	Arsenic	1.51	N*	1	0.18	0.75	0.93	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-39-3	Barium	4.99	N	1	0.68	1.17	4.67	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-41-7	Beryllium	0.16	JN	1	0.023	0.070	0.28	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-43-9	Cadmium	0.21	J	1	0.022	0.070	0.28	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-70-2	Calcium	5000		1	10.4	23.4	93.4	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-47-3	Chromium	1.33	N	1	0.044	0.12	0.47	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-48-4	Cobalt	12.8	N	1	0.093	0.35	1.40	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-50-8	Copper	38.0		1	0.21	0.75	0.93	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7439-89-6	Iron	18900		1	3.73	3.74	4.67	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7439-92-1	Lead	1.33	*	1	0.12	0.45	0.56	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7439-95-4	Magnesium	4110		1	11.2	23.4	93.4	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7439-96-5	Manganese	135		1	0.13	0.23	0.93	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0080	0.011	0.014	mg/Kg	04/28/25 09:05	04/28/25 11:14	SW7471B	
7440-02-0	Nickel	7.79		1	0.12	0.47	1.87	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-09-7	Potassium	84.1	J	1	25.9	74.8	93.4	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7782-49-2	Selenium	0.75	UN	1	0.24	0.75	0.93	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-22-4	Silver	0.14	JN	1	0.11	0.23	0.47	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-23-5	Sodium	960	*	1	16.6	74.8	93.4	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-28-0	Thallium	0.93	U	1	0.22	0.93	1.87	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-62-2	Vanadium	63.2		1	0.23	0.93	1.87	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050
7440-66-6	Zinc	23.9	N	1	0.22	0.47	1.87	mg/Kg	04/28/25 10:10	04/30/25 20:14	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6590		1	0.80	3.80	4.74	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-36-0	Antimony	0.59	UN	1	0.21	0.59	2.37	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-38-2	Arsenic	0.74	JN*	1	0.18	0.76	0.95	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-39-3	Barium	7.01	N	1	0.69	1.19	4.74	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-41-7	Beryllium	0.19	JN	1	0.024	0.071	0.28	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-43-9	Cadmium	0.60		1	0.023	0.071	0.28	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-70-2	Calcium	5130		1	10.5	23.7	94.9	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-47-3	Chromium	0.94	N	1	0.045	0.12	0.47	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-48-4	Cobalt	14.1	N	1	0.095	0.36	1.42	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-50-8	Copper	40.0		1	0.21	0.76	0.95	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7439-89-6	Iron	21500		1	3.79	3.80	4.74	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7439-92-1	Lead	0.74	*	1	0.12	0.46	0.57	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7439-95-4	Magnesium	4060		1	11.4	23.7	94.9	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7439-96-5	Manganese	162		1	0.13	0.24	0.95	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7439-97-6	Mercury	0.010	U	1	0.0070	0.010	0.013	mg/Kg	04/28/25 09:05	04/28/25 11:16	SW7471B	
7440-02-0	Nickel	6.66		1	0.12	0.47	1.90	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-09-7	Potassium	81.3	J	1	26.3	75.9	94.9	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7782-49-2	Selenium	0.76	UN	1	0.25	0.76	0.95	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-22-4	Silver	0.24	UN	1	0.11	0.24	0.47	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-23-5	Sodium	817	*	1	16.9	75.9	94.9	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-28-0	Thallium	0.95	U	1	0.22	0.95	1.90	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-62-2	Vanadium	64.6		1	0.24	0.95	1.90	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050
7440-66-6	Zinc	30.7	N	1	0.22	0.47	1.90	mg/Kg	04/28/25 10:10	04/30/25 20:19	SW6010	SW3050

Color Before:	Gray	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
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N =Spiked sample recovery not within control limits

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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	

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LAB CHRONICLE

Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**		**04/25/25**
			Mercury	7471B		04/28/25	04/28/25
			Metals ICP-TAL	6010D		04/28/25	04/30/25

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-PCS-TC-27-042325									
Q1883-02	OU4-PCS-TC-27-042325	Water	Arsenic	3.50	JD	2.23	6.25	25.0	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Barium	111	D	1.05	6.25	50.0	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Beryllium	1.70	JD	1.60	3.75	5.00	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Chromium	13.1	D	1.05	3.75	10.0	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Copper	136	D	1.50	7.50	10.0	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Lead	1.85	JD	1.05	3.75	5.00	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Nickel	68.8	D	1.35	3.75	5.00	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Mercury	0.28		0.076	0.16	0.20	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Vanadium	270	D	0.39	1.25	25.0	ug/L
Q1883-02	OU4-PCS-TC-27-042325	Water	Zinc	745	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-28-042325									
Q1883-04	OU4-PCS-TC-28-042325	Water	Arsenic	3.75	JD	2.23	6.25	25.0	ug/L
Q1883-04	OU4-PCS-TC-28-042325	Water	Barium	102	D	1.05	6.25	50.0	ug/L
Q1883-04	OU4-PCS-TC-28-042325	Water	Chromium	4.65	JD	1.05	3.75	10.0	ug/L
Q1883-04	OU4-PCS-TC-28-042325	Water	Copper	29.7	D	1.50	7.50	10.0	ug/L
Q1883-04	OU4-PCS-TC-28-042325	Water	Lead	1.50	JD	1.05	3.75	5.00	ug/L
Q1883-04	OU4-PCS-TC-28-042325	Water	Nickel	40.7	D	1.35	3.75	5.00	ug/L
Q1883-04	OU4-PCS-TC-28-042325	Water	Vanadium	339	D	0.39	1.25	25.0	ug/L
Q1883-04	OU4-PCS-TC-28-042325	Water	Zinc	554	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-29-042325									
Q1883-06	OU4-PCS-TC-29-042325	Water	Arsenic	4.00	JD	2.23	6.25	25.0	ug/L
Q1883-06	OU4-PCS-TC-29-042325	Water	Barium	109	D	1.05	6.25	50.0	ug/L
Q1883-06	OU4-PCS-TC-29-042325	Water	Chromium	9.25	JD	1.05	3.75	10.0	ug/L
Q1883-06	OU4-PCS-TC-29-042325	Water	Copper	78.5	D	1.50	7.50	10.0	ug/L
Q1883-06	OU4-PCS-TC-29-042325	Water	Lead	6.55	D	1.05	3.75	5.00	ug/L
Q1883-06	OU4-PCS-TC-29-042325	Water	Nickel	65.4	D	1.35	3.75	5.00	ug/L
Q1883-06	OU4-PCS-TC-29-042325	Water	Vanadium	244	D	0.39	1.25	25.0	ug/L
Q1883-06	OU4-PCS-TC-29-042325	Water	Zinc	625	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-30-042325									
Q1883-08	OU4-PCS-TC-30-042325	Water	Arsenic	2.75	JD	0.45	1.25	5.00	ug/L
Q1883-08	OU4-PCS-TC-30-042325	Water	Barium	118	D	1.05	6.25	50.0	ug/L
Q1883-08	OU4-PCS-TC-30-042325	Water	Chromium	12.4	D	1.05	3.75	10.0	ug/L
Q1883-08	OU4-PCS-TC-30-042325	Water	Copper	93.1	D	1.50	7.50	10.0	ug/L
Q1883-08	OU4-PCS-TC-30-042325	Water	Lead	4.15	JD	1.05	3.75	5.00	ug/L
Q1883-08	OU4-PCS-TC-30-042325	Water	Nickel	59.1	D	1.35	3.75	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1883-08	OU4-PCS-TC-30-042325	Water	Vanadium	297	D	0.39	1.25	25.0	ug/L
Q1883-08	OU4-PCS-TC-30-042325	Water	Zinc	784	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-PCS-TC-31-042325**								
Q1883-10	OU4-PCS-TC-31-042325	Water	Arsenic	3.50	JD	2.23	6.25	25.0	ug/L
Q1883-10	OU4-PCS-TC-31-042325	Water	Barium	119	D	1.05	6.25	50.0	ug/L
Q1883-10	OU4-PCS-TC-31-042325	Water	Chromium	3.50	JD	1.05	3.75	10.0	ug/L
Q1883-10	OU4-PCS-TC-31-042325	Water	Copper	36.4	D	1.50	7.50	10.0	ug/L
Q1883-10	OU4-PCS-TC-31-042325	Water	Lead	3.50	JD	1.05	3.75	5.00	ug/L
Q1883-10	OU4-PCS-TC-31-042325	Water	Nickel	47.4	D	1.35	3.75	5.00	ug/L
Q1883-10	OU4-PCS-TC-31-042325	Water	Vanadium	264	D	0.39	1.25	25.0	ug/L
Q1883-10	OU4-PCS-TC-31-042325	Water	Zinc	633	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-PCS-TC-32-042325**								
Q1883-12	OU4-PCS-TC-32-042325	Water	Arsenic	4.00	JD	2.23	6.25	25.0	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Barium	112	D	1.05	6.25	50.0	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Chromium	3.80	JD	1.05	3.75	10.0	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Copper	27.5	D	1.50	7.50	10.0	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Lead	26.9	D	1.05	3.75	5.00	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Nickel	42.9	D	1.35	3.75	5.00	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Mercury	0.086	J	0.076	0.16	0.20	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Vanadium	284	D	0.39	1.25	25.0	ug/L
Q1883-12	OU4-PCS-TC-32-042325	Water	Zinc	690	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-VSL-18-042325**								
Q1883-14	OU4-VSL-18-042325	Water	Antimony	15.2	D	0.55	1.25	10.0	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Arsenic	4.50	JD	2.23	6.25	25.0	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Barium	132	D	1.05	6.25	50.0	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Chromium	26.7	D	1.05	3.75	10.0	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Copper	169	D	1.50	7.50	10.0	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Lead	8.70	D	1.05	3.75	5.00	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Nickel	113	D	1.35	3.75	5.00	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Vanadium	326	D	0.39	1.25	25.0	ug/L
Q1883-14	OU4-VSL-18-042325	Water	Zinc	1160	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-VSL-19-042325**								
Q1883-16	OU4-VSL-19-042325	Water	Arsenic	7.50	JD	2.23	6.25	25.0	ug/L
Q1883-16	OU4-VSL-19-042325	Water	Barium	119	D	1.05	6.25	50.0	ug/L
Q1883-16	OU4-VSL-19-042325	Water	Chromium	16.4	D	1.05	3.75	10.0	ug/L
Q1883-16	OU4-VSL-19-042325	Water	Copper	110	D	1.50	7.50	10.0	ug/L
Q1883-16	OU4-VSL-19-042325	Water	Lead	6.85	D	1.05	3.75	5.00	ug/L
Q1883-16	OU4-VSL-19-042325	Water	Nickel	63.2	D	1.35	3.75	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1883 **Order ID:** Q1883

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1883-16	OU4-VSL-19-042325	Water	Vanadium	323	D	0.39	1.25	25.0	ug/L
Q1883-16	OU4-VSL-19-042325	Water	Zinc	986	D	6.25	7.50	25.0	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-38-2	Arsenic	3.50	JDN	25	2.23	6.25	25.0	ug/L	04/29/25 12:05	04/29/25 16:36	SW6020	3010A
7440-39-3	Barium	111	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-41-7	Beryllium	1.70	JD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-47-3	Chromium	13.1	D	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-50-8	Copper	136	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7439-92-1	Lead	1.85	JD	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7439-97-6	Mercury	0.28	N	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:14	SW7470A	
7440-02-0	Nickel	68.8	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 16:36	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-62-2	Vanadium	270	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A
7440-66-6	Zinc	745	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:18	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

U = Not Detected
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MDL = Method Detection Limit
LOD = Limit of Detection
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OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-38-2	Arsenic	3.75	JDN	25	2.23	6.25	25.0	ug/L	04/29/25 12:05	04/29/25 16:40	SW6020	3010A
7440-39-3	Barium	102	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-47-3	Chromium	4.65	JD	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-50-8	Copper	29.7	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7439-92-1	Lead	1.50	JD	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:17	SW7470A	
7440-02-0	Nickel	40.7	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 16:40	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-62-2	Vanadium	339	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A
7440-66-6	Zinc	554	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:21	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

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N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-38-2	Arsenic	4.00	JDN	25	2.23	6.25	25.0	ug/L	04/29/25 12:05	04/29/25 16:43	SW6020	3010A
7440-39-3	Barium	109	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-47-3	Chromium	9.25	JD	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-50-8	Copper	78.5	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7439-92-1	Lead	6.55	D	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:19	SW7470A	
7440-02-0	Nickel	65.4	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 16:43	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-62-2	Vanadium	244	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A
7440-66-6	Zinc	625	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:25	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-38-2	Arsenic	2.75	JDN	5	0.45	1.25	5.00	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-39-3	Barium	118	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-47-3	Chromium	12.4	D	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-50-8	Copper	93.1	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7439-92-1	Lead	4.15	JD	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:21	SW7470A	
7440-02-0	Nickel	59.1	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 16:46	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-62-2	Vanadium	297	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A
7440-66-6	Zinc	784	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:28	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
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N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-38-2	Arsenic	3.50	JDN	25	2.23	6.25	25.0	ug/L	04/29/25 12:05	04/29/25 16:50	SW6020	3010A
7440-39-3	Barium	119	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-47-3	Chromium	3.50	JD	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-50-8	Copper	36.4	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7439-92-1	Lead	3.50	JD	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:24	SW7470A	
7440-02-0	Nickel	47.4	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 16:50	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-62-2	Vanadium	264	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A
7440-66-6	Zinc	633	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:31	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-12	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-38-2	Arsenic	4.00	JDN	25	2.23	6.25	25.0	ug/L	04/29/25 12:05	04/29/25 16:53	SW6020	3010A
7440-39-3	Barium	112	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-47-3	Chromium	3.80	JD	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-50-8	Copper	27.5	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7439-92-1	Lead	26.9	D	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7439-97-6	Mercury	0.086	JN	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:30	SW7470A	
7440-02-0	Nickel	42.9	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 16:53	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-62-2	Vanadium	284	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A
7440-66-6	Zinc	690	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:34	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-14	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	15.2	D	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-38-2	Arsenic	4.50	JDN	25	2.23	6.25	25.0	ug/L	04/29/25 12:05	04/29/25 16:56	SW6020	3010A
7440-39-3	Barium	132	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-47-3	Chromium	26.7	D	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-50-8	Copper	169	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7439-92-1	Lead	8.70	D	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:33	SW7470A	
7440-02-0	Nickel	113	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 16:56	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-62-2	Vanadium	326	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A
7440-66-6	Zinc	1160	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:55	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-16	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-38-2	Arsenic	7.50	JDN	25	2.23	6.25	25.0	ug/L	04/29/25 12:05	04/29/25 17:09	SW6020	3010A
7440-39-3	Barium	119	D	5	1.05	6.25	50.0	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-47-3	Chromium	16.4	D	5	1.05	3.75	10.0	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-50-8	Copper	110	D	5	1.50	7.50	10.0	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7439-92-1	Lead	6.85	D	5	1.05	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	04/29/25 10:35	04/29/25 14:35	SW7470A	
7440-02-0	Nickel	63.2	D	5	1.35	3.75	5.00	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/29/25 12:05	04/29/25 17:09	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-62-2	Vanadium	323	D	5	0.39	1.25	25.0	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A
7440-66-6	Zinc	986	D	5	6.25	7.50	25.0	ug/L	04/29/25 12:05	04/29/25 15:58	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-02	**OU4-PCS-TC-27-042325**	**Water**			**04/23/25**			**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25	
			SPLP MetalGroup3	6020B		04/29/25	04/29/25	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-04	**OU4-PCS-TC-28-042325**	**Water**			**04/23/25**			**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25	
			SPLP MetalGroup3	6020B		04/29/25	04/29/25	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	
Q1883-06	**OU4-PCS-TC-29-042325**	**Water**			**04/23/25**			**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25	
			SPLP MetalGroup3	6020B		04/29/25	04/29/25	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-TAL	6010D		04/28/25	04/30/25	

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LAB CHRONICLE

Q1883-08	**OU4-PCS-TC-30-042325**	**Water**			**04/23/25**		**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25
			SPLP MetalGroup3	6020B		04/29/25	04/29/25
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25**		**04/25/25**
			Mercury	7471B		04/28/25	04/28/25
			Metals ICP-TAL	6010D		04/28/25	04/30/25
Q1883-10	**OU4-PCS-TC-31-042325**	**Water**			**04/23/25**		**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25
			SPLP MetalGroup3	6020B		04/29/25	04/29/25
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25**		**04/25/25**
			Mercury	7471B		04/28/25	04/28/25
			Metals ICP-TAL	6010D		04/28/25	04/30/25
Q1883-12	**OU4-PCS-TC-32-042325**	**Water**			**04/23/25**		**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25
			SPLP MetalGroup3	6020B		04/29/25	04/29/25
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25**		**04/25/25**
			Mercury	7471B		04/28/25	04/28/25
			Metals ICP-TAL	6010D		04/28/25	04/30/25
Q1883-14	**OU4-VSL-18-042325**	**Water**			**04/23/25**		**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25
			SPLP MetalGroup3	6020B		04/29/25	04/29/25
Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25**		**04/25/25**
			Mercury	7471B		04/28/25	04/28/25
			Metals ICP-TAL	6010D		04/28/25	04/30/25
Q1883-16	**OU4-VSL-19-042325**	**Water**			**04/23/25**		**04/25/25**
			SPLP Mercury	7470A		04/29/25	04/29/25
			SPLP MetalGroup3	6020B		04/29/25	04/29/25

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 12:45
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-27-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-01	Matrix:	SOIL
		% Solid:	94.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.044	0.21	0.26	mg/Kg	04/29/25 14:00	04/30/25 10:29	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 12:50
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-28-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-03	Matrix:	SOIL
		% Solid:	94.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.20	U	1	0.043	0.20	0.25	mg/Kg	04/29/25 14:00	04/30/25 10:29	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 13:00
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-29-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-05	Matrix:	SOIL
		% Solid:	95.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.20	U	1	0.043	0.20	0.25	mg/Kg	04/29/25 14:00	04/30/25 10:29	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 13:15
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-30-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-07	Matrix:	SOIL
		% Solid:	96.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.15	J	1	0.043	0.20	0.25	mg/Kg	04/29/25 14:00	04/30/25 10:29	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 13:20
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-31-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-09	Matrix:	SOIL
		% Solid:	96.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.099	J	1	0.042	0.20	0.25	mg/Kg	04/29/25 14:00	04/30/25 10:37	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 13:30
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-PCS-TC-32-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-11	Matrix:	SOIL
		% Solid:	97.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.20	U	1	0.043	0.20	0.25	mg/Kg	04/29/25 14:00	04/30/25 10:37	9012B

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 11:20
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-18-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-13	Matrix:	SOIL
		% Solid:	94.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.043	0.21	0.26	mg/Kg	04/29/25 14:00	04/30/25 10:37	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	04/23/25 11:50
Project:	Raymark Superfund Site	Date Received:	04/25/25
Client Sample ID:	OU4-VSL-19-042325	SDG No.:	Q1883
Lab Sample ID:	Q1883-15	Matrix:	SOIL
		% Solid:	95.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.20	U	1	0.043	0.20	0.25	mg/Kg	04/29/25 14:00	04/30/25 10:37	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
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OR = Over Range
N =Spiked sample recovery not within control limits

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LAB CHRONICLE

OrderID:	Q1883	**OrderDate:**	4/25/2025 10:10:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1883-01	**OU4-PCS-TC-27-042325**	**SOIL**			**04/23/25 12:45**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:29	
Q1883-03	**OU4-PCS-TC-28-042325**	**SOIL**			**04/23/25 12:50**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:29	
Q1883-05	**OU4-PCS-TC-29-042325**	**SOIL**			**04/23/25 13:00**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:29	
Q1883-07	**OU4-PCS-TC-30-042325**	**SOIL**			**04/23/25 13:15**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:29	
Q1883-09	**OU4-PCS-TC-31-042325**	**SOIL**			**04/23/25 13:20**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:37	
Q1883-11	**OU4-PCS-TC-32-042325**	**SOIL**			**04/23/25 13:30**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:37	
Q1883-13	**OU4-VSL-18-042325**	**SOIL**			**04/23/25 11:20**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:37	

Alliance TECHNICAL GROUP
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LAB CHRONICLE

Q1883-15	**OU4-VSL-19-042325**	**SOIL**			**04/23/25 11:50**			**04/25/25**
			Cyanide	9012B		04/29/25	04/30/25 10:37	

SHIPPING DOCUMENTS

Chemtech

Phone: (908) 789-8900
Fax: (908) 789-8922
284 Sheffield Street, Mountainside, NJ 07092

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 4_01/08/2020

Q1883

Page 1 of 1

13

13.1

Company Name:	Nobis Group
Address:	55 Technology Dr Suite 101, Lowell, MA 01851
Phone:	978-703-6014
Project Name:	Raymark
Project Location:	Stratford, CT
Project Number:	95700
Project Manager:	Adam Roy
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	S. Stone

Requested Turnaround Time
5-Day ☐ 10-Day ☑
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other: Equis edd
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020
	OU4-PCS-TC-27-042325	4/23/25	12:45	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-28-042326	4/23/25	12:50	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-29-042327	4/23/25	13:00	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-30-042328	4/23/25	13:15	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-31-042329	4/23/25	13:20	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-32-042330	4/23/25	13:30	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-VSL-18-042325	4/23/25	11:20	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-VSL-19-042326	4/23/25	11:50	C	SO		3	2	1				X	X	X	X	X	X	X	X	X
	SO-TB-01-042325	4/23/25	800		SO		3						X								

Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time: 4/24/25 1310
Received by: (signature)	Date/Time: 4/25/25 0930
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Other preservative is DI water. DI preserved VOCs were frozen on 4/24/25 @ 0600. Freeze upon receiving.

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments: 3.6°C Adjust Factor +1 IR Run #1

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1883 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 4/25/2025 10:10:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 4/25/2025 9:30:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1883-01	OU4-PCS-TC-27-042325	Solid	04/23/2025	12:45	VOCMS Group3		8260D		10 Bus. Days
Q1883-03	OU4-PCS-TC-28-042325	Solid	04/23/2025	12:50	VOCMS Group3		8260D		10 Bus. Days
Q1883-05	OU4-PCS-TC-29-042325	Solid	04/23/2025	13:00	VOCMS Group3		8260D		10 Bus. Days
Q1883-07	OU4-PCS-TC-30-042325	Solid	04/23/2025	13:15	VOCMS Group3		8260D		10 Bus. Days
Q1883-09	OU4-PCS-TC-31-042325	Solid	04/23/2025	13:20	VOCMS Group3		8260D		10 Bus. Days
Q1883-11	OU4-PCS-TC-32-042325	Solid	04/23/2025	13:30	VOCMS Group3		8260D		10 Bus. Days
Q1883-13	OU4-PCS-18-042325 VSL	Solid	04/23/2025	11:20	VOCMS Group3		8260D		10 Bus. Days
Q1883-15	OU4-PCS-19-042325 VSL	Solid	04/23/2025	11:50					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q1883 NOBI03	**Order Date :**	4/25/2025 10:10:00 AM	**Project Mgr :**	
Client Name :	Nobis Group	**Project Name :**	Raymark Superfund Site	**Report Type :**	Level 4
Client Contact :	Adam Roy	**Receive DateTime :**	4/25/2025 9:30:00 AM	**EDD Type :**	EQUIS
Invoice Name :	Nobis Group	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Adam Roy			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D		10 Bus. Days
Q1883-17	SO-TB-01-042325	Solid	04/23/2025	08:00					
					VOCMS Group3		8260D		10 Bus. Days

Relinguished By : _____

Date / Time : 4/25/25 1120

Received By : Sam

Date / Time : 04/25/25 11:20

Storage Area : **VOA Refridgerator Room**

0846
F22