

ANALYTICAL RESULTS SUMMARY

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

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : Q1984

ATTENTION : Adam Roy



Laboratory Certification ID # 20012



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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): 05/07/25

Laboratory Sample ID(s): Q1984

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	<u>VPH and EPH Methods only:</u> 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: _____ **Position:** QC SUPERVISOR

Printed Name: NIMISHA N. PANDYA **Date:** _____

Name of Laboratory: Alliance Technical Group LLC

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

CTDEP RCP Laboratory Analysis QA/QC Certification Form – November 2007

Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocol

Cover Page

Order ID : Q1984

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number

Q1984-01
Q1984-02
Q1984-03
Q1984-04
Q1984-05
Q1984-06
Q1984-07
Q1984-08
Q1984-09
Q1984-10
Q1984-11
Q1984-12
Q1984-13
Q1984-14
Q1984-15
Q1984-16
Q1984-19

Client Sample Number

OU4-PCS-TC-33-050725
OU4-PCS-TC-33-050725
OU4-PCS-TC-34-050725
OU4-PCS-TC-34-050725
OU4-PCS-TC-35-050725
OU4-PCS-TC-35-050725
OU4-TS-24-050725
OU4-TS-24-050725
OU4-TS-25-050725
OU4-TS-25-050725
OU4-TS-26-050725
OU4-TS-26-050725
OU4-TS-27-050725
OU4-TS-27-050725
OU4-TS-28-050725
OU4-TS-28-050725
OU4-TB01-050725

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Signature : _____

Date: 5/23/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:

17 Solid samples were received on 05/08/2025.

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 except for OU4-TS-24-050725 [4-Bromofluorobenzene - 64%], OU4-TS-24-050725RE [4-Bromofluorobenzene - 75%], OU4-TS-28-050725 [4-Bromofluorobenzene - 61%] and OU4-TS-28-050725RE [4-Bromofluorobenzene - 78%],

All the failure samples in surrogates were reanalyzed to confirm the failure as per method and reported.

Sample # OU4-TS-28-050725 and OU4-TS-28-050725RE not match for positive hit of lab contaminant Acetone but now no more vial for confirmation therefore no corrective action taken .

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 Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.



E. Additional Comments:

The Samples OU4-TS-27-050725 and OU4-TS-28-050725RE have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

As per special requirement for this project form-1 are reported in mg/kg.

The SDG Q1984 is logged for VOCMS group3. Lab is not certified for Tetrahydrofuran and trans-1,4-dichloro-2-butene compounds for 8260D method.

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.

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.

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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:

17 Solid samples were received on 05/08/2025.

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_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-TS-24-050725 [Terphenyl-d14 - 46%],

OU4-TS-25-050725 [Terphenyl-d14 - 43%],

OU4-TS-26-050725 [Terphenyl-d14 - 40%],

OU4-TS-28-050725 [Terphenyl-d14 - 44%],

TP-13MS [Terphenyl-d14 - 49%],

TP-13MSD [Terphenyl-d14 - 50%],

TP-13MS [Terphenyl-d14 - 49%],

TP-13MSD [Terphenyl-d14 - 50%], As per SOW one Base surrogate is allowed to fail,

Therefore no further corrective action was taken.

and

OU4-TS-27-050725 [2-Fluorobiphenyl - 41%, Terphenyl-d14 - 35%],

OU4-TS-27-050725RX [2-Fluorobiphenyl - 42%, Terphenyl-d14 - 40%], Sample was re extracted to confirm surrogate failure, Both the analysis were reported for the hardcopy.

and

L2-WC-5MS [2-Fluorobiphenyl - 37%, Nitrobenzene-d5 - 35%, Terphenyl-d14 - 38%],
L2-WC-5MSD [2-Fluorobiphenyl - 37%, Nitrobenzene-d5 - 34%, Terphenyl-d14 - 40%].
Base surrogates are biased low in the proving matrix interference. Hence no corrective action is required.

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.
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 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.
The soil samples results are based on a dry weight basis.
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.



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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

17 Solid samples were received on 05/08/2025.

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_D. 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 except for
OU4-TS-25-050725 [Decachlorobiphenyl(1) - 45%, Decachlorobiphenyl(2) - 34%],
OU4-TS-25-050725RE [Decachlorobiphenyl(1) - 53%, Decachlorobiphenyl(2) - 46%],
OU4-TS-26-050725 [Decachlorobiphenyl(1) - 35%, Decachlorobiphenyl(2) - 28%],
OU4-TS-26-050725RE [Decachlorobiphenyl(1) - 26%, Decachlorobiphenyl(2) - 28%],
OU4-TS-27-050725 [Decachlorobiphenyl(1) - 45%, Decachlorobiphenyl(2) - 36%],
OU4-TS-27-050725RE [Decachlorobiphenyl(1) - 36%, Decachlorobiphenyl(2) - 31%],
OU4-TS-28-050725 [Decachlorobiphenyl(1) - 37%, Decachlorobiphenyl(2) - 27%],
OU4-TS-28-050725RE [Decachlorobiphenyl(1) - 27% and Decachlorobiphenyl(2) - 26%]
All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data.

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 PD088573.D met the requirements except for alpha-BHC is failing in 1st column but it is passing in 2nd 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.

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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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: PCB

A. Number of Samples and Date of Receipt:

16 Solid samples were received on 05/08/2025.

1 Water sample was received on 05/08/2025.

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 except for OU4-TS-26-050725 [Decachlorobiphenyl(1) - 34%, Decachlorobiphenyl(2) - 48%], OU4-TS-26-050725MS [Decachlorobiphenyl(1) - 38%, Decachlorobiphenyl(2) - 54%] and OU4-TS-26-050725MSD [Decachlorobiphenyl(1) - 34%, Decachlorobiphenyl(2) - 46%] Surrogate failure for MS-MSD confirmed with Original sample.

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 for {Q1984-11MSD} with File ID: PO111019.D met criteria except for AR1260[24%] due to difference in results of MS-MSD.

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 PO111005.D met the requirements except for Decachlorobiphenyl is failing in 1st column but it is passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PO111020.D met the requirements except for Decachlorobiphenyl is failing in 1st column but it is passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PP072003.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but it is passing in 1st column therefore no corrective action taken.

E. Additional Comments:

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.

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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: Herbicide Group1

A. Number of Samples and Date of Receipt:

17 Solid samples were received on 05/08/2025.

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 µm df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 µm df, Catalog #: 11324. The 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.

The Retention Times were acceptable for all samples.

The MS {Q1982-08MS} with File ID: PS030237.D recoveries met the requirements for all compounds except for [Dinoseb(1)- 7%],[Dinoseb(2)- 8%],[Dalapon(1)- 68%],[Dalapon(2)- 133%] due to matrix interference.

The MSD {Q1982-08MSD} with File ID: PS030238.D recoveries met the acceptable requirements except for [Dinoseb(1)- 0%],[Dinoseb(2)- 7%] due to matrix interference.

The RPD for {Q1982-08MSD} with File ID: PS030238.D met criteria except for [Dinoseb(1)- 200%], [Dinoseb(2)- 13%] due to difference in results of MS-MSD.

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.

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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: Mercury, Metals ICP-TAL

A. Number of Samples and Date of Receipt:

17 Solid samples were received on 05/08/2025.

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 Mercury, Metals ICP-TAL.

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-TS-28-050725DUP) analysis met criteria for all samples except for Calcium due to matrix interference.

The Matrix Spike (OU4-TS-28-050725MS) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Chromium, Cobalt, Copper, Selenium, Silver, Sodium, Vanadium due to matrix interference.

The Matrix Spike Duplicate (OU4-TS-28-050725MSD) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Sodium, Vanadium due to matrix interference.

The Post Digest Spike (OU4-TS-28-050725A) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Chromium, Cobalt, Copper, Nickel, Selenium, Silver, Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis, matrix has suppression effect during addition of spike.

The Blank analysis did not indicate the presence of lab contamination.



The Calibration met the requirements.

The Serial Dilution (OU4-TS-28-050725L) met criteria for all samples except for Arsenic, Calcium, Chromium, Copper, Iron, Magnesium, Manganese, Zinc due to unknown interference.

The Serial Dilution (VNJ-218L) met criteria for all samples except for Mercury due to unknown interference.

E. Additional Comments:

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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: SPLP Mercury, SPLP MetalGroup3

A. Number of Samples and Date of Receipt:

17 Solid samples were received on 05/08/2025.

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 Mercury, SPLP MetalGroup3.

C. Analytical Techniques:

The analysis of SPLP MetalGroup3 was based on method 6020B, digestion based on method 3010 (Water). The analysis of SPLP Mercury was based on method 7470A and digestion was based on method 7470 (Water).

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-TS-28-050725MS) analysis met criteria for all samples except for Arsenic and Silver due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (OU4-TS-28-050725MSD) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike Duplicate (OU4-TS-28-050725MSD) analysis met criteria for all samples except for Arsenic and Silver due to Chemical Interference during Digestion Process.

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:

The Post Digest Spike (OU4-TS-28-050725A) analysis met criteria for all samples except for Arsenic and Silver due to unknown chemical interferences of matrix with the addition of spike amount after digestion and before analysis, matrix has suppression effect during addition of spike.

Q1984 SPLP all samples diluted 5X Straight due to SPLP fluid which cannot be injected as is without dilution to avoid damage to detector of instrument.



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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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q1984

Test Name: Cyanide

A. Number of Samples and Date of Receipt:

16 Solid samples were received on 05/08/2025.

1 Water sample was received on 05/08/2025.

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:

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_____

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

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1984

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 Custody

✓

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: 05/23/2025

Hit Summary Sheet
SW-846

SDG No.: Q1984
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID: Q1984-03	OU4-PCS-TC-34-050725 OU4-PCS-TC-34-0 SOIL		Acetone	0.022	J	0.0044	0.019	0.023	mg/Kg
			Total Voc :	0.022					
			Total Concentration:	0.022					
Client ID: Q1984-09	OU4-TS-25-050725 OU4-TS-25-050725 SOIL		Acetone	0.044	J	0.012	0.049	0.062	mg/Kg
			Total Voc :	0.044					
			Total Concentration:	0.044					
Client ID: Q1984-11	OU4-TS-26-050725 OU4-TS-26-050725 SOIL		Acetone	0.055	J	0.011	0.045	0.056	mg/Kg
			Total Voc :	0.055					
			Total Concentration:	0.055					
Client ID: Q1984-15RE	OU4-TS-28-050725RE OU4-TS-28-050725 SOIL		Acetone	0.073		0.010	0.042	0.053	mg/Kg
			Total Voc :	0.073					
			Total Concentration:	0.073					

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	95.1
Sample Wt/Vol:	5.29 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
VY022264.D	1		05/15/25 15:12	VY051525

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	0.012	U	0.0046	0.012	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	0.00099	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	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	0.0080	U	0.0035	0.0080	0.0099	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00085	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	0.00096	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	0.00083	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00092	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00086	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	0.00090	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00088	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	0.012	U	0.0036	0.012	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	95.1
Sample Wt/Vol:	5.29 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
VY022264.D	1		05/15/25 15:12	VY051525

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	0.00091	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	0.012	U	0.0037	0.012	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00090	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	0.0099	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	0.00081	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	0.00085	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	0.00081	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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-33-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	95.1	
Sample Wt/Vol:	5.29	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
VY022264.D	1		05/15/25 15:12	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.0014	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.0014	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	44.4		71 - 136		89%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		78 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.6		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.3		79 - 119		79%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	336000	7.707				
540-36-3	1,4-Difluorobenzene	583000	8.616				
3114-55-4	Chlorobenzene-d5	456000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	164000	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	95.7
Sample Wt/Vol:	5.65 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
VY022265.D	1		05/15/25 15:35	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0011	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00099	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.0012	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0043	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.0011	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00098	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00092	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0046	0.012	0.023	mg/Kg
67-64-1	Acetone	0.022	J	0.0044	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.00098	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0033	0.0074	0.0092	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0060	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00090	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00078	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00086	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00084	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00082	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0033	0.012	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	95.7
Sample Wt/Vol:	5.65 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
VY022265.D	1		05/15/25 15:35	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00085	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00063	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0034	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00097	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00084	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0011	0.0046	0.0092	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0019	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00076	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0046	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00063	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00076	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.0016	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.0014	0.0023	0.0046	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	95.7
Sample Wt/Vol:	5.65 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
VY022265.D	1		05/15/25 15:35	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0017	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0037	U	0.0027	0.0037	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.0018	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0037	U	0.0029	0.0037	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00098	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.3		71 - 136		95%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.7		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.3		79 - 119		87%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	329000	7.707				
540-36-3	1,4-Difluorobenzene	579000	8.609				
3114-55-4	Chlorobenzene-d5	474000	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	94.4
Sample Wt/Vol:	5.48 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
VY022266.D	1		05/15/25 15:59	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0039	U	0.0011	0.0039	0.0048	mg/Kg
74-87-3	Chloromethane	0.0024	U	0.0011	0.0024	0.0048	mg/Kg
75-01-4	Vinyl Chloride	0.0024	U	0.00076	0.0024	0.0048	mg/Kg
74-83-9	Bromomethane	0.0039	U	0.0010	0.0039	0.0048	mg/Kg
75-00-3	Chloroethane	0.0024	U	0.0012	0.0024	0.0048	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0045	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.0012	0.0039	0.0048	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0048	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00097	0.0024	0.0048	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0048	0.012	0.024	mg/Kg
67-64-1	Acetone	0.019	U	0.0046	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0010	0.0039	0.0048	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00071	0.0024	0.0048	mg/Kg
75-09-2	Methylene Chloride	0.0077	U	0.0034	0.0077	0.0097	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00083	0.0024	0.0048	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00077	0.0024	0.0048	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0063	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00094	0.0024	0.0048	mg/Kg
594-20-7	2,2-Dichloropropane	0.0039	U	0.0012	0.0039	0.0048	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00072	0.0024	0.0048	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00081	0.0039	0.0048	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00090	0.0024	0.0048	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00084	0.0024	0.0048	mg/Kg
71-43-2	Benzene	0.0024	U	0.00076	0.0024	0.0048	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00076	0.0024	0.0048	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00078	0.0024	0.0048	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00088	0.0024	0.0048	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00086	0.0024	0.0048	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00075	0.0024	0.0048	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0035	0.012	0.024	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	94.4
Sample Wt/Vol:	5.48 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
VY022266.D	1		05/15/25 15:59	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00075	0.0024	0.0048	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00063	0.0024	0.0048	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00060	0.0024	0.0048	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00089	0.0024	0.0048	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00066	0.0024	0.0048	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0036	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00084	0.0024	0.0048	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00085	0.0024	0.0048	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.0010	0.0024	0.0048	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00088	0.0024	0.0048	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00074	0.0024	0.0048	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00065	0.0024	0.0048	mg/Kg
179601-23-1	m/p-Xylenes	0.0048	U	0.0012	0.0048	0.0097	mg/Kg
1330-20-7	Total Xylenes	0.0072	U	0.0020	0.0072	0.015	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00079	0.0024	0.0048	mg/Kg
100-42-5	Styrene	0.0024	U	0.00069	0.0024	0.0048	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00083	0.0024	0.0048	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00075	0.0024	0.0048	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0012	0.0024	0.0048	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0039	U	0.0012	0.0039	0.0048	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.0012	0.0024	0.0048	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00071	0.0024	0.0048	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00066	0.0024	0.0048	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00079	0.0024	0.0048	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.0012	0.0024	0.0048	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00065	0.0024	0.0048	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.00062	0.0024	0.0048	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00064	0.0024	0.0048	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00060	0.0024	0.0048	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.0017	0.0024	0.0048	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.0015	0.0024	0.0048	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	94.4
Sample Wt/Vol:	5.48 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
VY022266.D	1		05/15/25 15:59	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.0014	0.0024	0.0048	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.0014	0.0024	0.0048	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	U	0.0018	0.0039	0.0048	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0039	U	0.0029	0.0039	0.0048	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.0018	0.0024	0.0048	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0039	U	0.0031	0.0039	0.0048	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.0010	0.0024	0.0048	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.0		71 - 136		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		78 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.6		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.5		79 - 119		81%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	326000	7.707				
540-36-3	1,4-Difluorobenzene	580000	8.616				
3114-55-4	Chlorobenzene-d5	461000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	169000	13.347				

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	69.7
Sample Wt/Vol:	2.85 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
VY022267.D	1		05/15/25 16:22	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.010	U	0.0029	0.010	0.013	mg/Kg
74-87-3	Chloromethane	0.0063	U	0.0029	0.0063	0.013	mg/Kg
75-01-4	Vinyl Chloride	0.0063	U	0.0020	0.0063	0.013	mg/Kg
74-83-9	Bromomethane	0.010	U	0.0027	0.010	0.013	mg/Kg
75-00-3	Chloroethane	0.0063	U	0.0032	0.0063	0.013	mg/Kg
109-99-9	Tetrahydrofuran	0.032	U	0.012	0.032	0.063	mg/Kg
75-69-4	Trichlorofluoromethane	0.010	U	0.0030	0.010	0.013	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0063	U	0.0027	0.0063	0.013	mg/Kg
75-35-4	1,1-Dichloroethene	0.0063	U	0.0025	0.0063	0.013	mg/Kg
107-13-1	Acrylonitrile	0.032	U	0.013	0.032	0.063	mg/Kg
67-64-1	Acetone	0.050	U	0.012	0.050	0.063	mg/Kg
75-15-0	Carbon Disulfide	0.010	U	0.0027	0.010	0.013	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0063	U	0.0018	0.0063	0.013	mg/Kg
75-09-2	Methylene Chloride	0.020	U	0.0089	0.020	0.025	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0063	U	0.0022	0.0063	0.013	mg/Kg
75-34-3	1,1-Dichloroethane	0.0063	U	0.0020	0.0063	0.013	mg/Kg
78-93-3	2-Butanone	0.050	U	0.017	0.050	0.063	mg/Kg
56-23-5	Carbon Tetrachloride	0.0063	U	0.0024	0.0063	0.013	mg/Kg
594-20-7	2,2-Dichloropropane	0.010	U	0.0032	0.010	0.013	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0063	U	0.0019	0.0063	0.013	mg/Kg
67-66-3	Chloroform	0.010	U	0.0021	0.010	0.013	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0063	U	0.0023	0.0063	0.013	mg/Kg
563-58-6	1,1-Dichloropropene	0.0063	U	0.0022	0.0063	0.013	mg/Kg
71-43-2	Benzene	0.0063	U	0.0020	0.0063	0.013	mg/Kg
107-06-2	1,2-Dichloroethane	0.0063	U	0.0020	0.0063	0.013	mg/Kg
79-01-6	Trichloroethene	0.0063	U	0.0020	0.0063	0.013	mg/Kg
78-87-5	1,2-Dichloropropane	0.0063	U	0.0023	0.0063	0.013	mg/Kg
74-95-3	Dibromomethane	0.0063	U	0.0022	0.0063	0.013	mg/Kg
75-27-4	Bromodichloromethane	0.0063	U	0.0020	0.0063	0.013	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.032	U	0.0090	0.032	0.063	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	69.7
Sample Wt/Vol:	2.85 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
VY022267.D	1		05/15/25 16:22	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0063	U	0.0020	0.0063	0.013	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0063	U	0.0016	0.0063	0.013	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0063	U	0.0016	0.0063	0.013	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0063	U	0.0023	0.0063	0.013	mg/Kg
142-28-9	1,3-Dichloropropane	0.0063	U	0.0017	0.0063	0.013	mg/Kg
591-78-6	2-Hexanone	0.032	U	0.0093	0.032	0.063	mg/Kg
124-48-1	Dibromochloromethane	0.0063	U	0.0022	0.0063	0.013	mg/Kg
106-93-4	1,2-Dibromoethane	0.0063	U	0.0022	0.0063	0.013	mg/Kg
127-18-4	Tetrachloroethene	0.0063	U	0.0026	0.0063	0.013	mg/Kg
108-90-7	Chlorobenzene	0.0063	U	0.0023	0.0063	0.013	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0063	U	0.0019	0.0063	0.013	mg/Kg
100-41-4	Ethyl Benzene	0.0063	U	0.0017	0.0063	0.013	mg/Kg
179601-23-1	m/p-Xylenes	0.013	U	0.0031	0.013	0.025	mg/Kg
1330-20-7	Total Xylenes	0.019	U	0.0052	0.019	0.038	mg/Kg
95-47-6	o-Xylene	0.0063	U	0.0021	0.0063	0.013	mg/Kg
100-42-5	Styrene	0.0063	U	0.0018	0.0063	0.013	mg/Kg
75-25-2	Bromoform	0.0063	U	0.0022	0.0063	0.013	mg/Kg
98-82-8	Isopropylbenzene	0.0063	U	0.0020	0.0063	0.013	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0063	U	0.0030	0.0063	0.013	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.010	U	0.0031	0.010	0.013	mg/Kg
108-86-1	Bromobenzene	0.0063	U	0.0030	0.0063	0.013	mg/Kg
103-65-1	n-propylbenzene	0.0063	U	0.0018	0.0063	0.013	mg/Kg
95-49-8	2-Chlorotoluene	0.0063	U	0.0017	0.0063	0.013	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0063	U	0.0021	0.0063	0.013	mg/Kg
106-43-4	4-Chlorotoluene	0.0063	U	0.0031	0.0063	0.013	mg/Kg
98-06-6	tert-Butylbenzene	0.0063	U	0.0017	0.0063	0.013	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0063	U	0.0016	0.0063	0.013	mg/Kg
135-98-8	sec-Butylbenzene	0.0063	U	0.0017	0.0063	0.013	mg/Kg
99-87-6	p-Isopropyltoluene	0.0063	U	0.0016	0.0063	0.013	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0063	U	0.0043	0.0063	0.013	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0063	U	0.0039	0.0063	0.013	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	69.7	
Sample Wt/Vol:	2.85	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
VY022267.D	1		05/15/25 16:22	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0063	U	0.0036	0.0063	0.013	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0063	U	0.0036	0.0063	0.013	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.010	U	0.0046	0.010	0.013	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.010	U	0.0075	0.010	0.013	mg/Kg
87-68-3	Hexachlorobutadiene	0.0063	U	0.0048	0.0063	0.013	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.010	U	0.0080	0.010	0.013	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0063	U	0.0027	0.0063	0.013	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.0		71 - 136		88%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		78 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.2		85 - 116		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	31.9	*	79 - 119		64%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	338000	7.707				
540-36-3	1,4-Difluorobenzene	583000	8.616				
3114-55-4	Chlorobenzene-d5	417000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	113000	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725RE	SDG No.:	Q1984
Lab Sample ID:	Q1984-07RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	69.7
Sample Wt/Vol:	2.93 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
VY022281.D	1		05/16/25 11:17	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0098	U	0.0028	0.0098	0.012	mg/Kg
74-87-3	Chloromethane	0.0061	U	0.0028	0.0061	0.012	mg/Kg
75-01-4	Vinyl Chloride	0.0061	U	0.0019	0.0061	0.012	mg/Kg
74-83-9	Bromomethane	0.0098	U	0.0026	0.0098	0.012	mg/Kg
75-00-3	Chloroethane	0.0061	U	0.0031	0.0061	0.012	mg/Kg
109-99-9	Tetrahydrofuran	0.031	U	0.011	0.031	0.061	mg/Kg
75-69-4	Trichlorofluoromethane	0.0098	U	0.0030	0.0098	0.012	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0061	U	0.0026	0.0061	0.012	mg/Kg
75-35-4	1,1-Dichloroethene	0.0061	U	0.0024	0.0061	0.012	mg/Kg
107-13-1	Acrylonitrile	0.031	U	0.012	0.031	0.061	mg/Kg
67-64-1	Acetone	0.049	U	0.012	0.049	0.061	mg/Kg
75-15-0	Carbon Disulfide	0.0098	U	0.0026	0.0098	0.012	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0061	U	0.0018	0.0061	0.012	mg/Kg
75-09-2	Methylene Chloride	0.020	U	0.0086	0.020	0.025	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0061	U	0.0021	0.0061	0.012	mg/Kg
75-34-3	1,1-Dichloroethane	0.0061	U	0.0020	0.0061	0.012	mg/Kg
78-93-3	2-Butanone	0.049	U	0.016	0.049	0.061	mg/Kg
56-23-5	Carbon Tetrachloride	0.0061	U	0.0024	0.0061	0.012	mg/Kg
594-20-7	2,2-Dichloropropane	0.0098	U	0.0031	0.0098	0.012	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0061	U	0.0018	0.0061	0.012	mg/Kg
67-66-3	Chloroform	0.0098	U	0.0021	0.0098	0.012	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0061	U	0.0023	0.0061	0.012	mg/Kg
563-58-6	1,1-Dichloropropene	0.0061	U	0.0021	0.0061	0.012	mg/Kg
71-43-2	Benzene	0.0061	U	0.0019	0.0061	0.012	mg/Kg
107-06-2	1,2-Dichloroethane	0.0061	U	0.0019	0.0061	0.012	mg/Kg
79-01-6	Trichloroethene	0.0061	U	0.0020	0.0061	0.012	mg/Kg
78-87-5	1,2-Dichloropropane	0.0061	U	0.0022	0.0061	0.012	mg/Kg
74-95-3	Dibromomethane	0.0061	U	0.0022	0.0061	0.012	mg/Kg
75-27-4	Bromodichloromethane	0.0061	U	0.0019	0.0061	0.012	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.031	U	0.0088	0.031	0.061	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725RE	SDG No.:	Q1984
Lab Sample ID:	Q1984-07RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	69.7
Sample Wt/Vol:	2.93 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
VY022281.D	1		05/16/25 11:17	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0061	U	0.0019	0.0061	0.012	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0061	U	0.0016	0.0061	0.012	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0061	U	0.0015	0.0061	0.012	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0061	U	0.0023	0.0061	0.012	mg/Kg
142-28-9	1,3-Dichloropropane	0.0061	U	0.0017	0.0061	0.012	mg/Kg
591-78-6	2-Hexanone	0.031	U	0.0090	0.031	0.061	mg/Kg
124-48-1	Dibromochloromethane	0.0061	U	0.0021	0.0061	0.012	mg/Kg
106-93-4	1,2-Dibromoethane	0.0061	U	0.0022	0.0061	0.012	mg/Kg
127-18-4	Tetrachloroethene	0.0061	U	0.0026	0.0061	0.012	mg/Kg
108-90-7	Chlorobenzene	0.0061	U	0.0022	0.0061	0.012	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0061	U	0.0019	0.0061	0.012	mg/Kg
100-41-4	Ethyl Benzene	0.0061	U	0.0016	0.0061	0.012	mg/Kg
179601-23-1	m/p-Xylenes	0.012	U	0.0030	0.012	0.025	mg/Kg
1330-20-7	Total Xylenes	0.018	U	0.0050	0.018	0.037	mg/Kg
95-47-6	o-Xylene	0.0061	U	0.0020	0.0061	0.012	mg/Kg
100-42-5	Styrene	0.0061	U	0.0017	0.0061	0.012	mg/Kg
75-25-2	Bromoform	0.0061	U	0.0021	0.0061	0.012	mg/Kg
98-82-8	Isopropylbenzene	0.0061	U	0.0019	0.0061	0.012	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0061	U	0.0030	0.0061	0.012	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0098	U	0.0030	0.0098	0.012	mg/Kg
108-86-1	Bromobenzene	0.0061	U	0.0029	0.0061	0.012	mg/Kg
103-65-1	n-propylbenzene	0.0061	U	0.0018	0.0061	0.012	mg/Kg
95-49-8	2-Chlorotoluene	0.0061	U	0.0017	0.0061	0.012	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0061	U	0.0020	0.0061	0.012	mg/Kg
106-43-4	4-Chlorotoluene	0.0061	U	0.0030	0.0061	0.012	mg/Kg
98-06-6	tert-Butylbenzene	0.0061	U	0.0016	0.0061	0.012	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0061	U	0.0016	0.0061	0.012	mg/Kg
135-98-8	sec-Butylbenzene	0.0061	U	0.0016	0.0061	0.012	mg/Kg
99-87-6	p-Isopropyltoluene	0.0061	U	0.0015	0.0061	0.012	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0061	U	0.0042	0.0061	0.012	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0061	U	0.0038	0.0061	0.012	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725RE	SDG No.:	Q1984
Lab Sample ID:	Q1984-07RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	69.7
Sample Wt/Vol:	2.93 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
VY022281.D	1		05/16/25 11:17	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0061	U	0.0036	0.0061	0.012	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0061	U	0.0036	0.0061	0.012	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0098	U	0.0045	0.0098	0.012	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0098	U	0.0073	0.0098	0.012	mg/Kg
87-68-3	Hexachlorobutadiene	0.0061	U	0.0047	0.0061	0.012	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0098	U	0.0078	0.0098	0.012	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0061	U	0.0026	0.0061	0.012	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.7		71 - 136		89%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		78 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	47.2		85 - 116		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.5	*	79 - 119		75%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	291000	7.707				
540-36-3	1,4-Difluorobenzene	507000	8.615				
3114-55-4	Chlorobenzene-d5	348000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	87000	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	68
Sample Wt/Vol:	2.98 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
VY022282.D	1		05/16/25 11:41	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0099	U	0.0028	0.0099	0.012	mg/Kg
74-87-3	Chloromethane	0.0062	U	0.0028	0.0062	0.012	mg/Kg
75-01-4	Vinyl Chloride	0.0062	U	0.0019	0.0062	0.012	mg/Kg
74-83-9	Bromomethane	0.0099	U	0.0026	0.0099	0.012	mg/Kg
75-00-3	Chloroethane	0.0062	U	0.0031	0.0062	0.012	mg/Kg
109-99-9	Tetrahydrofuran	0.031	U	0.012	0.031	0.062	mg/Kg
75-69-4	Trichlorofluoromethane	0.0099	U	0.0030	0.0099	0.012	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0062	U	0.0026	0.0062	0.012	mg/Kg
75-35-4	1,1-Dichloroethene	0.0062	U	0.0025	0.0062	0.012	mg/Kg
107-13-1	Acrylonitrile	0.031	U	0.012	0.031	0.062	mg/Kg
67-64-1	Acetone	0.044	J	0.012	0.049	0.062	mg/Kg
75-15-0	Carbon Disulfide	0.0099	U	0.0026	0.0099	0.012	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0062	U	0.0018	0.0062	0.012	mg/Kg
75-09-2	Methylene Chloride	0.020	U	0.0087	0.020	0.025	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0062	U	0.0021	0.0062	0.012	mg/Kg
75-34-3	1,1-Dichloroethane	0.0062	U	0.0020	0.0062	0.012	mg/Kg
78-93-3	2-Butanone	0.049	U	0.016	0.049	0.062	mg/Kg
56-23-5	Carbon Tetrachloride	0.0062	U	0.0024	0.0062	0.012	mg/Kg
594-20-7	2,2-Dichloropropane	0.0099	U	0.0032	0.0099	0.012	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0062	U	0.0019	0.0062	0.012	mg/Kg
67-66-3	Chloroform	0.0099	U	0.0021	0.0099	0.012	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0062	U	0.0023	0.0062	0.012	mg/Kg
563-58-6	1,1-Dichloropropene	0.0062	U	0.0021	0.0062	0.012	mg/Kg
71-43-2	Benzene	0.0062	U	0.0019	0.0062	0.012	mg/Kg
107-06-2	1,2-Dichloroethane	0.0062	U	0.0019	0.0062	0.012	mg/Kg
79-01-6	Trichloroethene	0.0062	U	0.0020	0.0062	0.012	mg/Kg
78-87-5	1,2-Dichloropropane	0.0062	U	0.0022	0.0062	0.012	mg/Kg
74-95-3	Dibromomethane	0.0062	U	0.0022	0.0062	0.012	mg/Kg
75-27-4	Bromodichloromethane	0.0062	U	0.0019	0.0062	0.012	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.031	U	0.0088	0.031	0.062	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	68
Sample Wt/Vol:	2.98 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
VY022282.D	1		05/16/25 11:41	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0062	U	0.0019	0.0062	0.012	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0062	U	0.0016	0.0062	0.012	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0062	U	0.0015	0.0062	0.012	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0062	U	0.0023	0.0062	0.012	mg/Kg
142-28-9	1,3-Dichloropropane	0.0062	U	0.0017	0.0062	0.012	mg/Kg
591-78-6	2-Hexanone	0.031	U	0.0091	0.031	0.062	mg/Kg
124-48-1	Dibromochloromethane	0.0062	U	0.0021	0.0062	0.012	mg/Kg
106-93-4	1,2-Dibromoethane	0.0062	U	0.0022	0.0062	0.012	mg/Kg
127-18-4	Tetrachloroethene	0.0062	U	0.0026	0.0062	0.012	mg/Kg
108-90-7	Chlorobenzene	0.0062	U	0.0022	0.0062	0.012	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0062	U	0.0019	0.0062	0.012	mg/Kg
100-41-4	Ethyl Benzene	0.0062	U	0.0017	0.0062	0.012	mg/Kg
179601-23-1	m/p-Xylenes	0.012	U	0.0031	0.012	0.025	mg/Kg
1330-20-7	Total Xylenes	0.019	U	0.0051	0.019	0.037	mg/Kg
95-47-6	o-Xylene	0.0062	U	0.0020	0.0062	0.012	mg/Kg
100-42-5	Styrene	0.0062	U	0.0018	0.0062	0.012	mg/Kg
75-25-2	Bromoform	0.0062	U	0.0021	0.0062	0.012	mg/Kg
98-82-8	Isopropylbenzene	0.0062	U	0.0019	0.0062	0.012	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0062	U	0.0030	0.0062	0.012	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0099	U	0.0031	0.0099	0.012	mg/Kg
108-86-1	Bromobenzene	0.0062	U	0.0030	0.0062	0.012	mg/Kg
103-65-1	n-propylbenzene	0.0062	U	0.0018	0.0062	0.012	mg/Kg
95-49-8	2-Chlorotoluene	0.0062	U	0.0017	0.0062	0.012	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0062	U	0.0020	0.0062	0.012	mg/Kg
106-43-4	4-Chlorotoluene	0.0062	U	0.0030	0.0062	0.012	mg/Kg
98-06-6	tert-Butylbenzene	0.0062	U	0.0017	0.0062	0.012	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0062	U	0.0016	0.0062	0.012	mg/Kg
135-98-8	sec-Butylbenzene	0.0062	U	0.0016	0.0062	0.012	mg/Kg
99-87-6	p-Isopropyltoluene	0.0062	U	0.0015	0.0062	0.012	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0062	U	0.0042	0.0062	0.012	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0062	U	0.0038	0.0062	0.012	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	68
Sample Wt/Vol:	2.98 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
VY022282.D	1		05/16/25 11:41	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0062	U	0.0036	0.0062	0.012	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0062	U	0.0036	0.0062	0.012	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0099	U	0.0045	0.0099	0.012	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0099	U	0.0073	0.0099	0.012	mg/Kg
87-68-3	Hexachlorobutadiene	0.0062	U	0.0047	0.0062	0.012	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0099	U	0.0078	0.0099	0.012	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0062	U	0.0026	0.0062	0.012	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.2		71 - 136		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.1		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		79 - 119		79%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	291000	7.707				
540-36-3	1,4-Difluorobenzene	517000	8.616				
3114-55-4	Chlorobenzene-d5	402000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	146000	13.347				

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	60.1
Sample Wt/Vol:	3.73 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
VY022283.D	1		05/16/25 12:04	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0089	U	0.0025	0.0089	0.011	mg/Kg
74-87-3	Chloromethane	0.0056	U	0.0025	0.0056	0.011	mg/Kg
75-01-4	Vinyl Chloride	0.0056	U	0.0018	0.0056	0.011	mg/Kg
74-83-9	Bromomethane	0.0089	U	0.0024	0.0089	0.011	mg/Kg
75-00-3	Chloroethane	0.0056	U	0.0028	0.0056	0.011	mg/Kg
109-99-9	Tetrahydrofuran	0.028	U	0.010	0.028	0.056	mg/Kg
75-69-4	Trichlorofluoromethane	0.0089	U	0.0027	0.0089	0.011	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0056	U	0.0024	0.0056	0.011	mg/Kg
75-35-4	1,1-Dichloroethene	0.0056	U	0.0022	0.0056	0.011	mg/Kg
107-13-1	Acrylonitrile	0.028	U	0.011	0.028	0.056	mg/Kg
67-64-1	Acetone	0.055	J	0.011	0.045	0.056	mg/Kg
75-15-0	Carbon Disulfide	0.0089	U	0.0024	0.0089	0.011	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0056	U	0.0016	0.0056	0.011	mg/Kg
75-09-2	Methylene Chloride	0.018	U	0.0079	0.018	0.022	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0056	U	0.0019	0.0056	0.011	mg/Kg
75-34-3	1,1-Dichloroethane	0.0056	U	0.0018	0.0056	0.011	mg/Kg
78-93-3	2-Butanone	0.045	U	0.015	0.045	0.056	mg/Kg
56-23-5	Carbon Tetrachloride	0.0056	U	0.0022	0.0056	0.011	mg/Kg
594-20-7	2,2-Dichloropropane	0.0089	U	0.0029	0.0089	0.011	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0056	U	0.0017	0.0056	0.011	mg/Kg
67-66-3	Chloroform	0.0089	U	0.0019	0.0089	0.011	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0056	U	0.0021	0.0056	0.011	mg/Kg
563-58-6	1,1-Dichloropropene	0.0056	U	0.0019	0.0056	0.011	mg/Kg
71-43-2	Benzene	0.0056	U	0.0018	0.0056	0.011	mg/Kg
107-06-2	1,2-Dichloroethane	0.0056	U	0.0018	0.0056	0.011	mg/Kg
79-01-6	Trichloroethene	0.0056	U	0.0018	0.0056	0.011	mg/Kg
78-87-5	1,2-Dichloropropane	0.0056	U	0.0020	0.0056	0.011	mg/Kg
74-95-3	Dibromomethane	0.0056	U	0.0020	0.0056	0.011	mg/Kg
75-27-4	Bromodichloromethane	0.0056	U	0.0017	0.0056	0.011	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.028	U	0.0080	0.028	0.056	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	60.1
Sample Wt/Vol:	3.73 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
VY022283.D	1		05/16/25 12:04	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0056	U	0.0017	0.0056	0.011	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0056	U	0.0014	0.0056	0.011	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0056	U	0.0014	0.0056	0.011	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0056	U	0.0021	0.0056	0.011	mg/Kg
142-28-9	1,3-Dichloropropane	0.0056	U	0.0015	0.0056	0.011	mg/Kg
591-78-6	2-Hexanone	0.028	U	0.0082	0.028	0.056	mg/Kg
124-48-1	Dibromochloromethane	0.0056	U	0.0019	0.0056	0.011	mg/Kg
106-93-4	1,2-Dibromoethane	0.0056	U	0.0020	0.0056	0.011	mg/Kg
127-18-4	Tetrachloroethene	0.0056	U	0.0023	0.0056	0.011	mg/Kg
108-90-7	Chlorobenzene	0.0056	U	0.0020	0.0056	0.011	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0056	U	0.0017	0.0056	0.011	mg/Kg
100-41-4	Ethyl Benzene	0.0056	U	0.0015	0.0056	0.011	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0028	0.011	0.022	mg/Kg
1330-20-7	Total Xylenes	0.017	U	0.0046	0.017	0.034	mg/Kg
95-47-6	o-Xylene	0.0056	U	0.0018	0.0056	0.011	mg/Kg
100-42-5	Styrene	0.0056	U	0.0016	0.0056	0.011	mg/Kg
75-25-2	Bromoform	0.0056	U	0.0019	0.0056	0.011	mg/Kg
98-82-8	Isopropylbenzene	0.0056	U	0.0017	0.0056	0.011	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0056	U	0.0027	0.0056	0.011	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0089	U	0.0028	0.0089	0.011	mg/Kg
108-86-1	Bromobenzene	0.0056	U	0.0027	0.0056	0.011	mg/Kg
103-65-1	n-propylbenzene	0.0056	U	0.0016	0.0056	0.011	mg/Kg
95-49-8	2-Chlorotoluene	0.0056	U	0.0015	0.0056	0.011	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0056	U	0.0018	0.0056	0.011	mg/Kg
106-43-4	4-Chlorotoluene	0.0056	U	0.0027	0.0056	0.011	mg/Kg
98-06-6	tert-Butylbenzene	0.0056	U	0.0015	0.0056	0.011	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0056	U	0.0014	0.0056	0.011	mg/Kg
135-98-8	sec-Butylbenzene	0.0056	U	0.0015	0.0056	0.011	mg/Kg
99-87-6	p-Isopropyltoluene	0.0056	U	0.0014	0.0056	0.011	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0056	U	0.0038	0.0056	0.011	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0056	U	0.0035	0.0056	0.011	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	60.1
Sample Wt/Vol:	3.73 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
VY022283.D	1		05/16/25 12:04	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0056	U	0.0032	0.0056	0.011	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.0032	0.0056	0.011	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0089	U	0.0041	0.0089	0.011	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0089	U	0.0066	0.0089	0.011	mg/Kg
87-68-3	Hexachlorobutadiene	0.0056	U	0.0042	0.0056	0.011	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0089	U	0.0071	0.0089	0.011	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0056	U	0.0024	0.0056	0.011	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.0		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	49.7		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.4		79 - 119		83%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	290000	7.707				
540-36-3	1,4-Difluorobenzene	519000	8.616				
3114-55-4	Chlorobenzene-d5	424000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	158000	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	62.5
Sample Wt/Vol:	3.42 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
VY022284.D	1		05/16/25 12:29	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0094	U	0.0027	0.0094	0.012	mg/Kg
74-87-3	Chloromethane	0.0058	U	0.0027	0.0058	0.012	mg/Kg
75-01-4	Vinyl Chloride	0.0058	U	0.0018	0.0058	0.012	mg/Kg
74-83-9	Bromomethane	0.0094	U	0.0025	0.0094	0.012	mg/Kg
75-00-3	Chloroethane	0.0058	U	0.0029	0.0058	0.012	mg/Kg
109-99-9	Tetrahydrofuran	0.029	U	0.011	0.029	0.059	mg/Kg
75-69-4	Trichlorofluoromethane	0.0094	U	0.0028	0.0094	0.012	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0058	U	0.0025	0.0058	0.012	mg/Kg
75-35-4	1,1-Dichloroethene	0.0058	U	0.0023	0.0058	0.012	mg/Kg
107-13-1	Acrylonitrile	0.029	U	0.012	0.029	0.059	mg/Kg
67-64-1	Acetone	0.047	U	0.011	0.047	0.059	mg/Kg
75-15-0	Carbon Disulfide	0.0094	U	0.0025	0.0094	0.012	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0058	U	0.0017	0.0058	0.012	mg/Kg
75-09-2	Methylene Chloride	0.019	U	0.0083	0.019	0.023	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0058	U	0.0020	0.0058	0.012	mg/Kg
75-34-3	1,1-Dichloroethane	0.0058	U	0.0019	0.0058	0.012	mg/Kg
78-93-3	2-Butanone	0.047	U	0.015	0.047	0.059	mg/Kg
56-23-5	Carbon Tetrachloride	0.0058	U	0.0023	0.0058	0.012	mg/Kg
594-20-7	2,2-Dichloropropane	0.0094	U	0.0030	0.0094	0.012	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0058	U	0.0018	0.0058	0.012	mg/Kg
67-66-3	Chloroform	0.0094	U	0.0020	0.0094	0.012	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0058	U	0.0022	0.0058	0.012	mg/Kg
563-58-6	1,1-Dichloropropene	0.0058	U	0.0020	0.0058	0.012	mg/Kg
71-43-2	Benzene	0.0058	U	0.0018	0.0058	0.012	mg/Kg
107-06-2	1,2-Dichloroethane	0.0058	U	0.0018	0.0058	0.012	mg/Kg
79-01-6	Trichloroethene	0.0058	U	0.0019	0.0058	0.012	mg/Kg
78-87-5	1,2-Dichloropropane	0.0058	U	0.0021	0.0058	0.012	mg/Kg
74-95-3	Dibromomethane	0.0058	U	0.0021	0.0058	0.012	mg/Kg
75-27-4	Bromodichloromethane	0.0058	U	0.0018	0.0058	0.012	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.029	U	0.0084	0.029	0.059	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	62.5
Sample Wt/Vol:	3.42 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
VY022284.D	1		05/16/25 12:29	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0058	U	0.0018	0.0058	0.012	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0058	U	0.0015	0.0058	0.012	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0058	U	0.0015	0.0058	0.012	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0058	U	0.0022	0.0058	0.012	mg/Kg
142-28-9	1,3-Dichloropropane	0.0058	U	0.0016	0.0058	0.012	mg/Kg
591-78-6	2-Hexanone	0.029	U	0.0086	0.029	0.059	mg/Kg
124-48-1	Dibromochloromethane	0.0058	U	0.0020	0.0058	0.012	mg/Kg
106-93-4	1,2-Dibromoethane	0.0058	U	0.0021	0.0058	0.012	mg/Kg
127-18-4	Tetrachloroethene	0.0058	U	0.0025	0.0058	0.012	mg/Kg
108-90-7	Chlorobenzene	0.0058	U	0.0021	0.0058	0.012	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0058	U	0.0018	0.0058	0.012	mg/Kg
100-41-4	Ethyl Benzene	0.0058	U	0.0016	0.0058	0.012	mg/Kg
179601-23-1	m/p-Xylenes	0.012	U	0.0029	0.012	0.023	mg/Kg
1330-20-7	Total Xylenes	0.018	U	0.0048	0.018	0.035	mg/Kg
95-47-6	o-Xylene	0.0058	U	0.0019	0.0058	0.012	mg/Kg
100-42-5	Styrene	0.0058	U	0.0017	0.0058	0.012	mg/Kg
75-25-2	Bromoform	0.0058	U	0.0020	0.0058	0.012	mg/Kg
98-82-8	Isopropylbenzene	0.0058	U	0.0018	0.0058	0.012	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0058	U	0.0028	0.0058	0.012	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0094	U	0.0029	0.0094	0.012	mg/Kg
108-86-1	Bromobenzene	0.0058	U	0.0028	0.0058	0.012	mg/Kg
103-65-1	n-propylbenzene	0.0058	U	0.0017	0.0058	0.012	mg/Kg
95-49-8	2-Chlorotoluene	0.0058	U	0.0016	0.0058	0.012	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0058	U	0.0019	0.0058	0.012	mg/Kg
106-43-4	4-Chlorotoluene	0.0058	U	0.0029	0.0058	0.012	mg/Kg
98-06-6	tert-Butylbenzene	0.0058	U	0.0016	0.0058	0.012	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0058	U	0.0015	0.0058	0.012	mg/Kg
135-98-8	sec-Butylbenzene	0.0058	U	0.0015	0.0058	0.012	mg/Kg
99-87-6	p-Isopropyltoluene	0.0058	U	0.0015	0.0058	0.012	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0058	U	0.0040	0.0058	0.012	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0058	U	0.0036	0.0058	0.012	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	62.5	
Sample Wt/Vol:	3.42	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
VY022284.D	1		05/16/25 12:29	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0058	U	0.0034	0.0058	0.012	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.0034	0.0058	0.012	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0094	U	0.0043	0.0094	0.012	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0094	U	0.0069	0.0094	0.012	mg/Kg
87-68-3	Hexachlorobutadiene	0.0058	U	0.0044	0.0058	0.012	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0094	U	0.0074	0.0094	0.012	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0058	U	0.0025	0.0058	0.012	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.1		71 - 136		98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	48.9		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.2		79 - 119		80%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	291000	7.707				
540-36-3	1,4-Difluorobenzene	522000	8.616				
3114-55-4	Chlorobenzene-d5	418000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.347				

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	64.6
Sample Wt/Vol:	4.42 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
VY022271.D	1		05/15/25 17:56	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0070	U	0.0020	0.0070	0.0088	mg/Kg
74-87-3	Chloromethane	0.0044	U	0.0020	0.0044	0.0088	mg/Kg
75-01-4	Vinyl Chloride	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
74-83-9	Bromomethane	0.0070	U	0.0019	0.0070	0.0088	mg/Kg
75-00-3	Chloroethane	0.0044	U	0.0022	0.0044	0.0088	mg/Kg
109-99-9	Tetrahydrofuran	0.022	U	0.0082	0.022	0.044	mg/Kg
75-69-4	Trichlorofluoromethane	0.0070	U	0.0021	0.0070	0.0088	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0044	U	0.0019	0.0044	0.0088	mg/Kg
75-35-4	1,1-Dichloroethene	0.0044	U	0.0018	0.0044	0.0088	mg/Kg
107-13-1	Acrylonitrile	0.022	U	0.0087	0.022	0.044	mg/Kg
67-64-1	Acetone	0.035	U	0.0083	0.035	0.044	mg/Kg
75-15-0	Carbon Disulfide	0.0070	U	0.0019	0.0070	0.0088	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0044	U	0.0013	0.0044	0.0088	mg/Kg
75-09-2	Methylene Chloride	0.014	U	0.0062	0.014	0.018	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0044	U	0.0015	0.0044	0.0088	mg/Kg
75-34-3	1,1-Dichloroethane	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
78-93-3	2-Butanone	0.035	U	0.012	0.035	0.044	mg/Kg
56-23-5	Carbon Tetrachloride	0.0044	U	0.0017	0.0044	0.0088	mg/Kg
594-20-7	2,2-Dichloropropane	0.0070	U	0.0022	0.0070	0.0088	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0044	U	0.0013	0.0044	0.0088	mg/Kg
67-66-3	Chloroform	0.0070	U	0.0015	0.0070	0.0088	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0044	U	0.0016	0.0044	0.0088	mg/Kg
563-58-6	1,1-Dichloropropene	0.0044	U	0.0015	0.0044	0.0088	mg/Kg
71-43-2	Benzene	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
107-06-2	1,2-Dichloroethane	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
79-01-6	Trichloroethene	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
78-87-5	1,2-Dichloropropane	0.0044	U	0.0016	0.0044	0.0088	mg/Kg
74-95-3	Dibromomethane	0.0044	U	0.0016	0.0044	0.0088	mg/Kg
75-27-4	Bromodichloromethane	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.022	U	0.0063	0.022	0.044	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	64.6
Sample Wt/Vol:	4.42 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
VY022271.D	1		05/15/25 17:56	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0044	U	0.0011	0.0044	0.0088	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0044	U	0.0011	0.0044	0.0088	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0044	U	0.0016	0.0044	0.0088	mg/Kg
142-28-9	1,3-Dichloropropane	0.0044	U	0.0012	0.0044	0.0088	mg/Kg
591-78-6	2-Hexanone	0.022	U	0.0065	0.022	0.044	mg/Kg
124-48-1	Dibromochloromethane	0.0044	U	0.0015	0.0044	0.0088	mg/Kg
106-93-4	1,2-Dibromoethane	0.0044	U	0.0015	0.0044	0.0088	mg/Kg
127-18-4	Tetrachloroethene	0.0044	U	0.0018	0.0044	0.0088	mg/Kg
108-90-7	Chlorobenzene	0.0044	U	0.0016	0.0044	0.0088	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0044	U	0.0013	0.0044	0.0088	mg/Kg
100-41-4	Ethyl Benzene	0.0044	U	0.0012	0.0044	0.0088	mg/Kg
1330-20-7	Total Xylenes	0.013	U	0.0036	0.013	0.026	mg/Kg
179601-23-1	m/p-Xylenes	0.0088	U	0.0022	0.0088	0.018	mg/Kg
95-47-6	o-Xylene	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
100-42-5	Styrene	0.0044	U	0.0012	0.0044	0.0088	mg/Kg
75-25-2	Bromoform	0.0044	U	0.0015	0.0044	0.0088	mg/Kg
98-82-8	Isopropylbenzene	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0044	U	0.0021	0.0044	0.0088	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0070	U	0.0022	0.0070	0.0088	mg/Kg
108-86-1	Bromobenzene	0.0044	U	0.0021	0.0044	0.0088	mg/Kg
103-65-1	n-propylbenzene	0.0044	U	0.0013	0.0044	0.0088	mg/Kg
95-49-8	2-Chlorotoluene	0.0044	U	0.0012	0.0044	0.0088	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0044	U	0.0014	0.0044	0.0088	mg/Kg
106-43-4	4-Chlorotoluene	0.0044	U	0.0021	0.0044	0.0088	mg/Kg
98-06-6	tert-Butylbenzene	0.0044	U	0.0012	0.0044	0.0088	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0044	U	0.0011	0.0044	0.0088	mg/Kg
135-98-8	sec-Butylbenzene	0.0044	U	0.0012	0.0044	0.0088	mg/Kg
99-87-6	p-Isopropyltoluene	0.0044	U	0.0011	0.0044	0.0088	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.0030	0.0044	0.0088	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0044	U	0.0027	0.0044	0.0088	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	64.6
Sample Wt/Vol:	4.42 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
VY022271.D	1		05/15/25 17:56	VY051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0044	U	0.0025	0.0044	0.0088	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0044	U	0.0025	0.0044	0.0088	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0070	U	0.0032	0.0070	0.0088	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0070	U	0.0052	0.0070	0.0088	mg/Kg
87-68-3	Hexachlorobutadiene	0.0044	U	0.0033	0.0044	0.0088	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0070	U	0.0056	0.0070	0.0088	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0044	U	0.0019	0.0044	0.0088	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.5		71 - 136		97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	47.1		85 - 116		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	30.7	*	79 - 119		61%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	296000	7.707				
540-36-3	1,4-Difluorobenzene	513000	8.61				
3114-55-4	Chlorobenzene-d5	353000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	96900	13.347				

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725RE	SDG No.:	Q1984
Lab Sample ID:	Q1984-15RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	64.6
Sample Wt/Vol:	3.65 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
VY022285.D	1		05/16/25 12:54	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0085	U	0.0024	0.0085	0.011	mg/Kg
74-87-3	Chloromethane	0.0053	U	0.0024	0.0053	0.011	mg/Kg
75-01-4	Vinyl Chloride	0.0053	U	0.0017	0.0053	0.011	mg/Kg
74-83-9	Bromomethane	0.0085	U	0.0023	0.0085	0.011	mg/Kg
75-00-3	Chloroethane	0.0053	U	0.0027	0.0053	0.011	mg/Kg
109-99-9	Tetrahydrofuran	0.027	U	0.0099	0.027	0.053	mg/Kg
75-69-4	Trichlorofluoromethane	0.0085	U	0.0026	0.0085	0.011	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0053	U	0.0022	0.0053	0.011	mg/Kg
75-35-4	1,1-Dichloroethene	0.0053	U	0.0021	0.0053	0.011	mg/Kg
107-13-1	Acrylonitrile	0.027	U	0.011	0.027	0.053	mg/Kg
67-64-1	Acetone	0.073		0.010	0.042	0.053	mg/Kg
75-15-0	Carbon Disulfide	0.0085	U	0.0022	0.0085	0.011	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0053	U	0.0015	0.0053	0.011	mg/Kg
75-09-2	Methylene Chloride	0.017	U	0.0075	0.017	0.021	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0053	U	0.0018	0.0053	0.011	mg/Kg
75-34-3	1,1-Dichloroethane	0.0053	U	0.0017	0.0053	0.011	mg/Kg
78-93-3	2-Butanone	0.042	U	0.014	0.042	0.053	mg/Kg
56-23-5	Carbon Tetrachloride	0.0053	U	0.0021	0.0053	0.011	mg/Kg
594-20-7	2,2-Dichloropropane	0.0085	U	0.0027	0.0085	0.011	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0053	U	0.0016	0.0053	0.011	mg/Kg
67-66-3	Chloroform	0.0085	U	0.0018	0.0085	0.011	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0053	U	0.0020	0.0053	0.011	mg/Kg
563-58-6	1,1-Dichloropropene	0.0053	U	0.0018	0.0053	0.011	mg/Kg
71-43-2	Benzene	0.0053	U	0.0017	0.0053	0.011	mg/Kg
107-06-2	1,2-Dichloroethane	0.0053	U	0.0017	0.0053	0.011	mg/Kg
79-01-6	Trichloroethene	0.0053	U	0.0017	0.0053	0.011	mg/Kg
78-87-5	1,2-Dichloropropane	0.0053	U	0.0019	0.0053	0.011	mg/Kg
74-95-3	Dibromomethane	0.0053	U	0.0019	0.0053	0.011	mg/Kg
75-27-4	Bromodichloromethane	0.0053	U	0.0017	0.0053	0.011	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.027	U	0.0076	0.027	0.053	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725RE	SDG No.:	Q1984
Lab Sample ID:	Q1984-15RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	64.6
Sample Wt/Vol:	3.65 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
VY022285.D	1		05/16/25 12:54	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0053	U	0.0017	0.0053	0.011	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0053	U	0.0014	0.0053	0.011	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0053	U	0.0013	0.0053	0.011	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0053	U	0.0020	0.0053	0.011	mg/Kg
142-28-9	1,3-Dichloropropane	0.0053	U	0.0014	0.0053	0.011	mg/Kg
591-78-6	2-Hexanone	0.027	U	0.0078	0.027	0.053	mg/Kg
124-48-1	Dibromochloromethane	0.0053	U	0.0018	0.0053	0.011	mg/Kg
106-93-4	1,2-Dibromoethane	0.0053	U	0.0019	0.0053	0.011	mg/Kg
127-18-4	Tetrachloroethene	0.0053	U	0.0022	0.0053	0.011	mg/Kg
108-90-7	Chlorobenzene	0.0053	U	0.0019	0.0053	0.011	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0053	U	0.0016	0.0053	0.011	mg/Kg
100-41-4	Ethyl Benzene	0.0053	U	0.0014	0.0053	0.011	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0026	0.011	0.021	mg/Kg
1330-20-7	Total Xylenes	0.016	U	0.0043	0.016	0.032	mg/Kg
95-47-6	o-Xylene	0.0053	U	0.0017	0.0053	0.011	mg/Kg
100-42-5	Styrene	0.0053	U	0.0015	0.0053	0.011	mg/Kg
75-25-2	Bromoform	0.0053	U	0.0018	0.0053	0.011	mg/Kg
98-82-8	Isopropylbenzene	0.0053	U	0.0017	0.0053	0.011	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0053	U	0.0026	0.0053	0.011	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0085	U	0.0026	0.0085	0.011	mg/Kg
108-86-1	Bromobenzene	0.0053	U	0.0025	0.0053	0.011	mg/Kg
103-65-1	n-propylbenzene	0.0053	U	0.0015	0.0053	0.011	mg/Kg
95-49-8	2-Chlorotoluene	0.0053	U	0.0014	0.0053	0.011	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0053	U	0.0017	0.0053	0.011	mg/Kg
106-43-4	4-Chlorotoluene	0.0053	U	0.0026	0.0053	0.011	mg/Kg
98-06-6	tert-Butylbenzene	0.0053	U	0.0014	0.0053	0.011	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0053	U	0.0014	0.0053	0.011	mg/Kg
135-98-8	sec-Butylbenzene	0.0053	U	0.0014	0.0053	0.011	mg/Kg
99-87-6	p-Isopropyltoluene	0.0053	U	0.0013	0.0053	0.011	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0053	U	0.0036	0.0053	0.011	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0033	0.0053	0.011	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725RE	SDG No.:	Q1984
Lab Sample ID:	Q1984-15RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	64.6
Sample Wt/Vol:	3.65 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
VY022285.D	1		05/16/25 12:54	VY051625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0053	U	0.0031	0.0053	0.011	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0053	U	0.0031	0.0053	0.011	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0085	U	0.0039	0.0085	0.011	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0085	U	0.0063	0.0085	0.011	mg/Kg
87-68-3	Hexachlorobutadiene	0.0053	U	0.0040	0.0053	0.011	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0085	U	0.0067	0.0085	0.011	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0053	U	0.0022	0.0053	0.011	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.3		71 - 136		105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	48.9		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.8	*	79 - 119		78%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	265000	7.707				
540-36-3	1,4-Difluorobenzene	453000	8.616				
3114-55-4	Chlorobenzene-d5	350000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	125000	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TB01-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-19	Matrix:	SOIL
Analytical Method:	8260D	% 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
VY022298.D	1		05/16/25 17:59	VY051625

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	0.0080	U	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TB01-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-19	Matrix:	SOIL
Analytical Method:	8260D	% 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
VY022298.D	1		05/16/25 17:59	VY051625

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TB01-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-19	Matrix:	SOIL
Analytical Method:	8260D	% 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
VY022298.D	1		05/16/25 17:59	VY051625

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	48.7		71 - 136		97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	48.9		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.9		79 - 119		80%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	261000	7.707				
540-36-3	1,4-Difluorobenzene	470000	8.61				
3114-55-4	Chlorobenzene-d5	376000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.347				

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

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL	VOCMS Group3	8260D	05/07/25		05/15/25	05/08/25
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL	VOCMS Group3	8260D	05/07/25		05/15/25	05/08/25
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL	VOCMS Group3	8260D	05/07/25		05/15/25	05/08/25
Q1984-07	OU4-TS-24-050725	SOIL	VOCMS Group3	8260D	05/07/25		05/15/25	05/08/25
Q1984-07RE	OU4-TS-24-050725RE	SOIL	VOCMS Group3	8260D	05/07/25		05/16/25	05/08/25
Q1984-09	OU4-TS-25-050725	SOIL	VOCMS Group3	8260D	05/07/25		05/16/25	05/08/25
Q1984-11	OU4-TS-26-050725	SOIL	VOCMS Group3	8260D	05/07/25		05/16/25	05/08/25
Q1984-13	OU4-TS-27-050725	SOIL	VOCMS Group3	8260D	05/07/25		05/16/25	05/08/25
Q1984-15	OU4-TS-28-050725	SOIL	VOCMS Group3	8260D	05/07/25		05/15/25	05/08/25
Q1984-15RE	OU4-TS-28-050725RE	SOIL	VOCMS Group3	8260D	05/07/25		05/16/25	05/08/25
Q1984-19	OU4-TB01-050725	SOIL			05/07/25			05/08/25

LAB CHRONICLE

VOCMS Group3

8260D

05/16/25

Hit Summary Sheet SW-846

SDG No.: Q1984
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-27-050725									
Q1984-13	OU4-TS-27-050725	SOIL	Phenanthrene	0.150	J	0.033	0.21	0.27	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Fluoranthene	0.290		0.048	0.21	0.27	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Pyrene	0.220	J	0.058	0.21	0.27	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Benzo(a)anthracene	0.120	J	0.037	0.21	0.27	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Chrysene	0.130	J	0.032	0.21	0.27	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Benzo(b)fluoranthene	0.170	J	0.030	0.21	0.27	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Benzo(a)pyrene	0.110	J	0.047	0.21	0.27	mg/Kg
Total Svoc :						1.19			
Total Concentration:						1.19			



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	95.1
Sample Wt/Vol:	30.03 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
BP024640.D	1	05/13/25 09:05	05/15/25 16:40	PB167973

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	0.027	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	51.5		37 - 122		51%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.8		44 - 115		57%	SPK: 100
1718-51-0	Terphenyl-d14	60.1		54 - 127		60%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153000	7.658				
1146-65-2	Naphthalene-d8	653000	10.428				
15067-26-2	Acenaphthene-d10	401000	14.293				
1517-22-2	Phenanthrene-d10	821000	17.087				
1719-03-5	Chrysene-d12	967000	21.522				
1520-96-3	Perylene-d12	1050000	24.804				

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	95.1
Sample Wt/Vol:	30.03 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
BP024640.D	1	05/13/25 09:05	05/15/25 16:40	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-03	Matrix:	SOIL
Analytical Method:	8270E	% 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
BP024723.D	1	05/19/25 09:45	05/21/25 02:49	PB168052

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	47.6		37 - 122		48%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.6		44 - 115		53%	SPK: 100
1718-51-0	Terphenyl-d14	54.7		54 - 127		55%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115000	7.658				
1146-65-2	Naphthalene-d8	464000	10.422				
15067-26-2	Acenaphthene-d10	289000	14.281				
1517-22-2	Phenanthrene-d10	623000	17.086				
1719-03-5	Chrysene-d12	699000	21.51				
1520-96-3	Perylene-d12	827000	24.78				

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-03	Matrix:	SOIL
Analytical Method:	8270E	% 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
BP024723.D	1	05/19/25 09:45	05/21/25 02:49	PB168052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	94.4
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
BP024642.D	1	05/13/25 09:05	05/15/25 18:01	PB167973

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	49.0		37 - 122		49%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.4		44 - 115		55%	SPK: 100
1718-51-0	Terphenyl-d14	54.5		54 - 127		55%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.663				
1146-65-2	Naphthalene-d8	652000	10.434				
15067-26-2	Acenaphthene-d10	364000	14.292				
1517-22-2	Phenanthrene-d10	628000	17.098				
1719-03-5	Chrysene-d12	642000	21.521				
1520-96-3	Perylene-d12	828000	24.809				

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	94.4
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
BP024642.D	1	05/13/25 09:05	05/15/25 18:01	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	69.7
Sample Wt/Vol:	30.01 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
BP024648.D	1	05/13/25 09:05	05/15/25 22:06	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.19	U	0.033	0.19	0.24	mg/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.037	0.19	0.24	mg/Kg
208-96-8	Acenaphthylene	0.19	U	0.041	0.19	0.24	mg/Kg
83-32-9	Acenaphthene	0.19	U	0.031	0.19	0.24	mg/Kg
86-73-7	Fluorene	0.19	U	0.036	0.19	0.24	mg/Kg
85-01-8	Phenanthrene	0.19	U	0.030	0.19	0.24	mg/Kg
120-12-7	Anthracene	0.19	U	0.048	0.19	0.24	mg/Kg
206-44-0	Fluoranthene	0.19	U	0.043	0.19	0.24	mg/Kg
129-00-0	Pyrene	0.19	U	0.052	0.19	0.24	mg/Kg
56-55-3	Benzo(a)anthracene	0.19	U	0.033	0.19	0.24	mg/Kg
218-01-9	Chrysene	0.19	U	0.029	0.19	0.24	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.19	U	0.027	0.19	0.24	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.19	U	0.032	0.19	0.24	mg/Kg
50-32-8	Benzo(a)pyrene	0.19	U	0.042	0.19	0.24	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.042	0.19	0.24	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.19	U	0.039	0.19	0.24	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.037	0.19	0.24	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	46.8		37 - 122		47%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.0		44 - 115		47%	SPK: 100
1718-51-0	Terphenyl-d14	45.8	*	54 - 127		46%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208000		7.658			
1146-65-2	Naphthalene-d8	794000		10.428			
15067-26-2	Acenaphthene-d10	460000		14.292			
1517-22-2	Phenanthrene-d10	854000		17.086			
1719-03-5	Chrysene-d12	968000		21.516			
1520-96-3	Perylene-d12	1170000		24.798			

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	69.7
Sample Wt/Vol:	30.01 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
BP024648.D	1	05/13/25 09:05	05/15/25 22:06	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68
Sample Wt/Vol:	30.08 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
BP024724.D	1	05/19/25 09:45	05/21/25 03:30	PB168052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.19	U	0.033	0.19	0.25	mg/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.038	0.19	0.25	mg/Kg
208-96-8	Acenaphthylene	0.19	U	0.042	0.19	0.25	mg/Kg
83-32-9	Acenaphthene	0.19	U	0.031	0.19	0.25	mg/Kg
86-73-7	Fluorene	0.19	U	0.037	0.19	0.25	mg/Kg
85-01-8	Phenanthrene	0.19	U	0.031	0.19	0.25	mg/Kg
120-12-7	Anthracene	0.19	U	0.049	0.19	0.25	mg/Kg
206-44-0	Fluoranthene	0.19	U	0.044	0.19	0.25	mg/Kg
129-00-0	Pyrene	0.19	U	0.053	0.19	0.25	mg/Kg
56-55-3	Benzo(a)anthracene	0.19	U	0.034	0.19	0.25	mg/Kg
218-01-9	Chrysene	0.19	U	0.029	0.19	0.25	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.19	U	0.028	0.19	0.25	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.19	U	0.033	0.19	0.25	mg/Kg
50-32-8	Benzo(a)pyrene	0.19	U	0.043	0.19	0.25	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.043	0.19	0.25	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.19	U	0.040	0.19	0.25	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.038	0.19	0.25	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	44.9		37 - 122		45%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.9		44 - 115		45%	SPK: 100
1718-51-0	Terphenyl-d14	42.8	*	54 - 127		43%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129000		7.652			
1146-65-2	Naphthalene-d8	540000		10.428			
15067-26-2	Acenaphthene-d10	349000		14.287			
1517-22-2	Phenanthrene-d10	678000		17.075			
1719-03-5	Chrysene-d12	736000		21.504			
1520-96-3	Perylene-d12	907000		24.78			

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68
Sample Wt/Vol:	30.08 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
BP024724.D	1	05/19/25 09:45	05/21/25 03:30	PB168052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	60.1
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
BP024644.D	1	05/13/25 09:05	05/15/25 19:23	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.22	U	0.038	0.22	0.28	mg/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.043	0.22	0.28	mg/Kg
208-96-8	Acenaphthylene	0.22	U	0.048	0.22	0.28	mg/Kg
83-32-9	Acenaphthene	0.22	U	0.035	0.22	0.28	mg/Kg
86-73-7	Fluorene	0.22	U	0.042	0.22	0.28	mg/Kg
85-01-8	Phenanthrene	0.22	U	0.035	0.22	0.28	mg/Kg
120-12-7	Anthracene	0.22	U	0.055	0.22	0.28	mg/Kg
206-44-0	Fluoranthene	0.22	U	0.050	0.22	0.28	mg/Kg
129-00-0	Pyrene	0.22	U	0.060	0.22	0.28	mg/Kg
56-55-3	Benzo(a)anthracene	0.22	U	0.038	0.22	0.28	mg/Kg
218-01-9	Chrysene	0.22	U	0.033	0.22	0.28	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.22	U	0.032	0.22	0.28	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.22	U	0.037	0.22	0.28	mg/Kg
50-32-8	Benzo(a)pyrene	0.22	U	0.049	0.22	0.28	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.22	U	0.048	0.22	0.28	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.22	U	0.046	0.22	0.28	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.22	U	0.043	0.22	0.28	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	45.7		37 - 122		46%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.9		44 - 115		45%	SPK: 100
1718-51-0	Terphenyl-d14	39.8	*	54 - 127		40%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176000		7.658			
1146-65-2	Naphthalene-d8	742000		10.428			
15067-26-2	Acenaphthene-d10	437000		14.293			
1517-22-2	Phenanthrene-d10	826000		17.087			
1719-03-5	Chrysene-d12	944000		21.516			
1520-96-3	Perylene-d12	1110000		24.792			

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	60.1
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
BP024644.D	1	05/13/25 09:05	05/15/25 19:23	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	62.5
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
BP024645.D	1	05/13/25 09:05	05/15/25 20:04	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.21	U	0.036	0.21	0.27	mg/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.041	0.21	0.27	mg/Kg
208-96-8	Acenaphthylene	0.21	U	0.046	0.21	0.27	mg/Kg
83-32-9	Acenaphthene	0.21	U	0.034	0.21	0.27	mg/Kg
86-73-7	Fluorene	0.21	U	0.041	0.21	0.27	mg/Kg
85-01-8	Phenanthrene	0.15	J	0.033	0.21	0.27	mg/Kg
120-12-7	Anthracene	0.21	U	0.053	0.21	0.27	mg/Kg
206-44-0	Fluoranthene	0.29		0.048	0.21	0.27	mg/Kg
129-00-0	Pyrene	0.22	J	0.058	0.21	0.27	mg/Kg
56-55-3	Benzo(a)anthracene	0.12	J	0.037	0.21	0.27	mg/Kg
218-01-9	Chrysene	0.13	J	0.032	0.21	0.27	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.17	J	0.030	0.21	0.27	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.21	U	0.036	0.21	0.27	mg/Kg
50-32-8	Benzo(a)pyrene	0.11	J	0.047	0.21	0.27	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.21	U	0.047	0.21	0.27	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.21	U	0.044	0.21	0.27	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.21	U	0.041	0.21	0.27	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	48.5		37 - 122		49%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.8	*	44 - 115		41%	SPK: 100
1718-51-0	Terphenyl-d14	35.0	*	54 - 127		35%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191000		7.663			
1146-65-2	Naphthalene-d8	746000		10.434			
15067-26-2	Acenaphthene-d10	449000		14.298			
1517-22-2	Phenanthrene-d10	847000		17.092			
1719-03-5	Chrysene-d12	940000		21.521			
1520-96-3	Perylene-d12	1130000		24.797			

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	62.5
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
BP024645.D	1	05/13/25 09:05	05/15/25 20:04	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725RX	SDG No.:	Q1984
Lab Sample ID:	Q1984-13RX	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	62.5
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
BP024725.D	1	05/19/25 09:45	05/21/25 04:10	PB168052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.21	U	0.036	0.21	0.27	mg/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.041	0.21	0.27	mg/Kg
208-96-8	Acenaphthylene	0.21	U	0.046	0.21	0.27	mg/Kg
83-32-9	Acenaphthene	0.21	U	0.034	0.21	0.27	mg/Kg
86-73-7	Fluorene	0.21	U	0.040	0.21	0.27	mg/Kg
85-01-8	Phenanthrene	0.21	U	0.033	0.21	0.27	mg/Kg
120-12-7	Anthracene	0.21	U	0.053	0.21	0.27	mg/Kg
206-44-0	Fluoranthene	0.21	U	0.048	0.21	0.27	mg/Kg
129-00-0	Pyrene	0.21	U	0.058	0.21	0.27	mg/Kg
56-55-3	Benzo(a)anthracene	0.21	U	0.037	0.21	0.27	mg/Kg
218-01-9	Chrysene	0.21	U	0.032	0.21	0.27	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.030	0.21	0.27	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.21	U	0.036	0.21	0.27	mg/Kg
50-32-8	Benzo(a)pyrene	0.21	U	0.047	0.21	0.27	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.21	U	0.047	0.21	0.27	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.21	U	0.044	0.21	0.27	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.21	U	0.041	0.21	0.27	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	42.7		37 - 122		43%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.9	*	44 - 115		42%	SPK: 100
1718-51-0	Terphenyl-d14	40.3	*	54 - 127		40%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153000		7.657			
1146-65-2	Naphthalene-d8	636000		10.422			
15067-26-2	Acenaphthene-d10	397000		14.286			
1517-22-2	Phenanthrene-d10	727000		17.08			
1719-03-5	Chrysene-d12	788000		21.51			
1520-96-3	Perylene-d12	957000		24.786			

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725RX	SDG No.:	Q1984
Lab Sample ID:	Q1984-13RX	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	62.5
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
BP024725.D	1	05/19/25 09:45	05/21/25 04:10	PB168052

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.6
Sample Wt/Vol:	30.03 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
BP024646.D	1	05/13/25 09:05	05/15/25 20:45	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.20	U	0.035	0.20	0.26	mg/Kg
91-57-6	2-Methylnaphthalene	0.20	U	0.040	0.20	0.26	mg/Kg
208-96-8	Acenaphthylene	0.20	U	0.045	0.20	0.26	mg/Kg
83-32-9	Acenaphthene	0.20	U	0.033	0.20	0.26	mg/Kg
86-73-7	Fluorene	0.20	U	0.039	0.20	0.26	mg/Kg
85-01-8	Phenanthrene	0.20	U	0.032	0.20	0.26	mg/Kg
120-12-7	Anthracene	0.20	U	0.052	0.20	0.26	mg/Kg
206-44-0	Fluoranthene	0.20	U	0.046	0.20	0.26	mg/Kg
129-00-0	Pyrene	0.20	U	0.056	0.20	0.26	mg/Kg
56-55-3	Benzo(a)anthracene	0.20	U	0.036	0.20	0.26	mg/Kg
218-01-9	Chrysene	0.20	U	0.031	0.20	0.26	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.20	U	0.029	0.20	0.26	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.20	U	0.035	0.20	0.26	mg/Kg
50-32-8	Benzo(a)pyrene	0.20	U	0.046	0.20	0.26	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.20	U	0.045	0.20	0.26	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.20	U	0.042	0.20	0.26	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.20	U	0.040	0.20	0.26	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	51.3		37 - 122		51%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.6		44 - 115		45%	SPK: 100
1718-51-0	Terphenyl-d14	43.8	*	54 - 127		44%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238000		7.658			
1146-65-2	Naphthalene-d8	987000		10.428			
15067-26-2	Acenaphthene-d10	607000		14.293			
1517-22-2	Phenanthrene-d10	1030000		17.092			
1719-03-5	Chrysene-d12	847000		21.527			
1520-96-3	Perylene-d12	1080000		24.81			

TENTATIVE IDENTIFIED COMPOUNDS

Q1984

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.6
Sample Wt/Vol:	30.03 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
BP024646.D	1	05/13/25 09:05	05/15/25 20:45	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

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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

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/13/25	05/15/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/19/25	05/21/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/13/25	05/15/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/13/25	05/15/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/19/25	05/21/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/13/25	05/15/25	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/13/25	05/15/25	
Q1984-13RX	OU4-TS-27-050725RX	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/19/25	05/21/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			SVOCMS Group3	8270E		05/13/25	05/15/25	

Hit Summary Sheet SW-846

SDG No.: Q1984

Order ID: Q1984

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-24-050725									
Q1984-07	OU4-TS-24-050725	SOIL	Dieldrin	0.00053	J	0.00020	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	4,4-DDE	0.0010	J	0.00020	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Endrin	0.00027	J	0.00020	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	alpha-Chlordane	0.0016	JP	0.00017	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	gamma-Chlordane	0.0015	J	0.00021	0.00047	0.0024	mg/Kg
Total Concentration:						0.00490			
Client ID : OU4-TS-25-050725									
Q1984-09	OU4-TS-25-050725	SOIL	Dieldrin	0.00047	J	0.00021	0.00048	0.0025	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	4,4-DDE	0.0010	J	0.00021	0.00048	0.0025	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	alpha-Chlordane	0.0014	JP	0.00018	0.00048	0.0025	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	gamma-Chlordane	0.0011	J	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:						0.00397			
Client ID : OU4-TS-25-050725RE									
Q1984-09RE	OU4-TS-25-050725RI	SOIL	Dieldrin	0.00045	J	0.00021	0.00048	0.0025	mg/Kg
Q1984-09RE	OU4-TS-25-050725RI	SOIL	4,4-DDE	0.0011	JP	0.00021	0.00048	0.0025	mg/Kg
Q1984-09RE	OU4-TS-25-050725RI	SOIL	alpha-Chlordane	0.0012	JP	0.00018	0.00048	0.0025	mg/Kg
Q1984-09RE	OU4-TS-25-050725RI	SOIL	gamma-Chlordane	0.0013	JP	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:						0.00405			
Client ID : OU4-TS-26-050725									
Q1984-11	OU4-TS-26-050725	SOIL	4,4-DDE	0.0013	J	0.00023	0.00055	0.0028	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	alpha-Chlordane	0.00059	JP	0.00020	0.00055	0.0028	mg/Kg
Total Concentration:						0.00189			
Client ID : OU4-TS-26-050725RE									
Q1984-11RE	OU4-TS-26-050725RI	SOIL	4,4-DDE	0.0010	J	0.00023	0.00055	0.0028	mg/Kg
Q1984-11RE	OU4-TS-26-050725RI	SOIL	alpha-Chlordane	0.00051	J	0.00020	0.00055	0.0028	mg/Kg
Total Concentration:						0.00151			
Client ID : OU4-TS-27-050725									
Q1984-13	OU4-TS-27-050725	SOIL	Dieldrin	0.00034	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	4,4-DDE	0.00075	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	alpha-Chlordane	0.00085	JP	0.00019	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	gamma-Chlordane	0.00073	J	0.00024	0.00053	0.0027	mg/Kg
Total Concentration:						0.00297			

Hit Summary Sheet
SW-846

SDG No.: Q1984

Order ID: Q1984

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-27-050725RE									
Q1984-13RE	OU4-TS-27-050725RI SOIL		Dieldrin	0.00034	JP	0.00022	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI SOIL		4,4-DDE	0.00068	JP	0.00022	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI SOIL		Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI SOIL		alpha-Chlordane	0.00059	JP	0.00019	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI SOIL		gamma-Chlordane	0.00075	JP	0.00024	0.00053	0.0027	mg/Kg

Total Concentration:

0.00266

Client ID : OU4-TS-28-050725

Q1984-15	OU4-TS-28-050725 SOIL		Dieldrin	0.00039	J	0.00022	0.00051	0.0026	mg/Kg
Q1984-15	OU4-TS-28-050725 SOIL		4,4-DDE	0.00070	J	0.00022	0.00051	0.0026	mg/Kg
Q1984-15	OU4-TS-28-050725 SOIL		alpha-Chlordane	0.00082	JP	0.00019	0.00051	0.0026	mg/Kg
Q1984-15	OU4-TS-28-050725 SOIL		gamma-Chlordane	0.00076	JP	0.00023	0.00051	0.0026	mg/Kg

Total Concentration:

0.00267

Client ID : OU4-TS-28-050725RE

Q1984-15RE	OU4-TS-28-050725RI SOIL		Dieldrin	0.00048	JP	0.00022	0.00051	0.0026	mg/Kg
Q1984-15RE	OU4-TS-28-050725RI SOIL		4,4-DDE	0.00079	JP	0.00022	0.00051	0.0026	mg/Kg
Q1984-15RE	OU4-TS-28-050725RI SOIL		alpha-Chlordane	0.00058	J	0.00019	0.00051	0.0026	mg/Kg
Q1984-15RE	OU4-TS-28-050725RI SOIL		gamma-Chlordane	0.00072	JP	0.00023	0.00051	0.0026	mg/Kg

Total Concentration:

0.00257



SAMPLE DATA

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-33-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	95.1	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
PD088558.D	1	05/13/25 08:30	05/15/25 12:38	PB167959

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	0.00087	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)	0.00035	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	0.00087	U	0.00020	0.00087	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	0.00087	U	0.00030	0.00087	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	0.00087	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	0.00035	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	21.9		55 - 130		109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.9		42 - 129		115%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-33-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	95.1	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
PD088558.D	1	05/13/25 08:30	05/15/25 12:38	PB167959

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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-34-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	95.7	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
PD088561.D	1	05/13/25 08:30	05/15/25 13:19	PB167959

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	20.0		55 - 130		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		42 - 129		111%	SPK: 20

Report of Analysis

Client:	Nobis Group			Date Collected:	05/07/25		
Project:	Raymark Superfund Site			Date Received:	05/08/25		
Client Sample ID:	OU4-PCS-TC-34-050725			SDG No.:	Q1984		
Lab Sample ID:	Q1984-03			Matrix:	SOIL		
Analytical Method:	8081B			% Solid:	95.7		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
PD088561.D	1	05/13/25 08:30	05/15/25 13:19	PB167959

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	94.4	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
PD088562.D	1	05/13/25 08:30	05/15/25 13:33	PB167959

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	21.1		55 - 130		106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.2		42 - 129		116%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	94.4	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
PD088562.D	1	05/13/25 08:30	05/15/25 13:33	PB167959

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

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

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Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	69.7	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
PD088563.D	1	05/13/25 08:30	05/15/25 13:46	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00047	U	0.00019	0.00047	0.0024	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0024	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00056	0.0012	0.0024	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00047	U	0.00020	0.00047	0.0024	mg/Kg
76-44-8	Heptachlor	0.00047	U	0.00017	0.00047	0.0024	mg/Kg
309-00-2	Aldrin	0.00047	U	0.00017	0.00047	0.0024	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00027	0.0012	0.0024	mg/Kg
959-98-8	Endosulfan I	0.00047	U	0.00020	0.00047	0.0024	mg/Kg
60-57-1	Dieldrin	0.00053	J	0.00020	0.00047	0.0024	mg/Kg
72-55-9	4,4-DDE	0.0010	J	0.00020	0.00047	0.0024	mg/Kg
72-20-8	Endrin	0.00027	J	0.00020	0.00047	0.0024	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00042	0.0012	0.0024	mg/Kg
72-54-8	4,4-DDD	0.00047	U	0.00021	0.00047	0.0024	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00047	U	0.00019	0.00047	0.0024	mg/Kg
50-29-3	4,4-DDT	0.00047	U	0.00020	0.00047	0.0024	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00053	0.0012	0.0024	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00027	0.0012	0.0024	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00053	0.0012	0.0024	mg/Kg
5103-71-9	alpha-Chlordane	0.0016	JP	0.00017	0.00047	0.0024	mg/Kg
5103-74-2	gamma-Chlordane	0.0015	J	0.00021	0.00047	0.0024	mg/Kg
8001-35-2	Toxaphene	0.024	U	0.0077	0.024	0.047	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.4		55 - 130		72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		42 - 129		98%	SPK: 20

Report of Analysis

Client:	Nobis Group			Date Collected:	05/07/25	
Project:	Raymark Superfund Site			Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725			SDG No.:	Q1984	
Lab Sample ID:	Q1984-07			Matrix:	SOIL	
Analytical Method:	8081B			% Solid:	69.7	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
PD088563.D	1	05/13/25 08:30	05/15/25 13:46	PB167959

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

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B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68	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
PD088564.D	1	05/13/25 08:30	05/15/25 14:00	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00049	U	0.00019	0.00048	0.0025	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0025	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00057	0.0012	0.0025	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00049	U	0.00018	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00049	U	0.00018	0.00048	0.0025	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
959-98-8	Endosulfan I	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00047	J	0.00021	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.0010	J	0.00021	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00043	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00049	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00049	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
5103-71-9	alpha-Chlordane	0.0014	JP	0.00018	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.0011	J	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.049	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	9.07	*	55 - 130		45%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.8		42 - 129		74%	SPK: 20

Report of Analysis

Client:	Nobis Group			Date Collected:	05/07/25		
Project:	Raymark Superfund Site			Date Received:	05/08/25		
Client Sample ID:	OU4-TS-25-050725			SDG No.:	Q1984		
Lab Sample ID:	Q1984-09			Matrix:	SOIL		
Analytical Method:	8081B			% Solid:	68		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
PD088564.D	1	05/13/25 08:30	05/15/25 14:00	PB167959

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

U = Not Detected

LOQ = Limit of Quantitation

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Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68	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
PD088609.D	1	05/13/25 08:30	05/19/25 16:50	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00049	U	0.00019	0.00048	0.0025	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0025	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00057	0.0012	0.0025	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00049	U	0.00018	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00049	U	0.00018	0.00048	0.0025	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
959-98-8	Endosulfan I	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00045	J	0.00021	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.0011	JP	0.00021	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00043	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00049	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00049	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
5103-71-9	alpha-Chlordane	0.0012	JP	0.00018	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.0013	JP	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.049	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	10.6	*	55 - 130		53%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.0		42 - 129		70%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68	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
PD088609.D	1	05/13/25 08:30	05/19/25 16:50	PB167959

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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.1	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
PD088569.D	1	05/13/25 08:30	05/15/25 18:08	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00030	0.0014	0.0028	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00065	0.0014	0.0028	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
76-44-8	Heptachlor	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
309-00-2	Aldrin	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
959-98-8	Endosulfan I	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
60-57-1	Dieldrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-55-9	4,4-DDE	0.0013	J	0.00023	0.00055	0.0028	mg/Kg
72-20-8	Endrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00048	0.0014	0.0028	mg/Kg
72-54-8	4,4-DDD	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
50-29-3	4,4-DDT	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
5103-71-9	alpha-Chlordane	0.00059	JP	0.00020	0.00055	0.0028	mg/Kg
5103-74-2	gamma-Chlordane	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
8001-35-2	Toxaphene	0.028	U	0.0090	0.028	0.055	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.02	*	55 - 130		35%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.9		42 - 129		55%	SPK: 20

Report of Analysis

Client:	Nobis Group			Date Collected:	05/07/25	
Project:	Raymark Superfund Site			Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725			SDG No.:	Q1984	
Lab Sample ID:	Q1984-11			Matrix:	SOIL	
Analytical Method:	8081B			% Solid:	60.1	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
PD088569.D	1	05/13/25 08:30	05/15/25 18:08	PB167959

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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.1	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
PD088610.D	1	05/13/25 08:30	05/19/25 17:04	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00030	0.0014	0.0028	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00065	0.0014	0.0028	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
76-44-8	Heptachlor	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
309-00-2	Aldrin	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
959-98-8	Endosulfan I	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
60-57-1	Dieldrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-55-9	4,4-DDE	0.0010	J	0.00023	0.00055	0.0028	mg/Kg
72-20-8	Endrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00048	0.0014	0.0028	mg/Kg
72-54-8	4,4-DDD	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
50-29-3	4,4-DDT	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
5103-71-9	alpha-Chlordane	0.00051	J	0.00020	0.00055	0.0028	mg/Kg
5103-74-2	gamma-Chlordane	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
8001-35-2	Toxaphene	0.028	U	0.0090	0.028	0.055	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	5.69	*	55 - 130		28%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.3		42 - 129		52%	SPK: 20

Report of Analysis

Client:	Nobis Group			Date Collected:	05/07/25	
Project:	Raymark Superfund Site			Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725RE			SDG No.:	Q1984	
Lab Sample ID:	Q1984-11RE			Matrix:	SOIL	
Analytical Method:	8081B			% Solid:	60.1	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
PD088610.D	1	05/13/25 08:30	05/19/25 17:04	PB167959

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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	62.5	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
PD088570.D	1	05/13/25 08:30	05/15/25 18:22	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00029	0.0013	0.0027	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00062	0.0013	0.0027	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
76-44-8	Heptachlor	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
309-00-2	Aldrin	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
959-98-8	Endosulfan I	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
60-57-1	Dieldrin	0.00034	J	0.00022	0.00053	0.0027	mg/Kg
72-55-9	4,4-DDE	0.00075	J	0.00022	0.00053	0.0027	mg/Kg
72-20-8	Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00046	0.0013	0.0027	mg/Kg
72-54-8	4,4-DDD	0.00053	U	0.00024	0.00053	0.0027	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
50-29-3	4,4-DDT	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
5103-71-9	alpha-Chlordane	0.00085	JP	0.00019	0.00053	0.0027	mg/Kg
5103-74-2	gamma-Chlordane	0.00073	J	0.00024	0.00053	0.0027	mg/Kg
8001-35-2	Toxaphene	0.027	U	0.0087	0.027	0.053	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	9.05	*	55 - 130		45%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.1		42 - 129		76%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	62.5	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
PD088570.D	1	05/13/25 08:30	05/15/25 18:22	PB167959

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

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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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	62.5	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
PD088611.D	1	05/13/25 08:30	05/19/25 17:18	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00029	0.0013	0.0027	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00062	0.0013	0.0027	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
76-44-8	Heptachlor	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
309-00-2	Aldrin	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
959-98-8	Endosulfan I	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
60-57-1	Dieldrin	0.00034	JP	0.00022	0.00053	0.0027	mg/Kg
72-55-9	4,4-DDE	0.00068	JP	0.00022	0.00053	0.0027	mg/Kg
72-20-8	Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00046	0.0013	0.0027	mg/Kg
72-54-8	4,4-DDD	0.00053	U	0.00024	0.00053	0.0027	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
50-29-3	4,4-DDT	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
5103-71-9	alpha-Chlordane	0.00059	JP	0.00019	0.00053	0.0027	mg/Kg
5103-74-2	gamma-Chlordane	0.00075	JP	0.00024	0.00053	0.0027	mg/Kg
8001-35-2	Toxaphene	0.027	U	0.0087	0.027	0.053	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.17	*	55 - 130		36%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.4		42 - 129		72%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	62.5	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
PD088611.D	1	05/13/25 08:30	05/19/25 17:18	PB167959

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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088571.D	1	05/13/25 08:30	05/15/25 18:35	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00028	0.0013	0.0026	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00060	0.0013	0.0026	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
76-44-8	Heptachlor	0.00051	U	0.00019	0.00051	0.0026	mg/Kg
309-00-2	Aldrin	0.00051	U	0.00019	0.00051	0.0026	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
959-98-8	Endosulfan I	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
60-57-1	Dieldrin	0.00039	J	0.00022	0.00051	0.0026	mg/Kg
72-55-9	4,4-DDE	0.00070	J	0.00022	0.00051	0.0026	mg/Kg
72-20-8	Endrin	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00045	0.0013	0.0026	mg/Kg
72-54-8	4,4-DDD	0.00051	U	0.00023	0.00051	0.0026	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
50-29-3	4,4-DDT	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
5103-71-9	alpha-Chlordane	0.00082	JP	0.00019	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00076	JP	0.00023	0.00051	0.0026	mg/Kg
8001-35-2	Toxaphene	0.026	U	0.0084	0.026	0.051	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.49	*	55 - 130		37%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.6		42 - 129		68%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088571.D	1	05/13/25 08:30	05/15/25 18:35	PB167959

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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088612.D	1	05/13/25 08:30	05/19/25 17:31	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00028	0.0013	0.0026	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00060	0.0013	0.0026	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
76-44-8	Heptachlor	0.00051	U	0.00019	0.00051	0.0026	mg/Kg
309-00-2	Aldrin	0.00051	U	0.00019	0.00051	0.0026	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
959-98-8	Endosulfan I	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
60-57-1	Dieldrin	0.00048	JP	0.00022	0.00051	0.0026	mg/Kg
72-55-9	4,4-DDE	0.00079	JP	0.00022	0.00051	0.0026	mg/Kg
72-20-8	Endrin	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00045	0.0013	0.0026	mg/Kg
72-54-8	4,4-DDD	0.00051	U	0.00023	0.00051	0.0026	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
50-29-3	4,4-DDT	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
5103-71-9	alpha-Chlordane	0.00058	J	0.00019	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00072	JP	0.00023	0.00051	0.0026	mg/Kg
8001-35-2	Toxaphene	0.026	U	0.0084	0.026	0.051	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	5.37	*	55 - 130		27%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.3		42 - 129		66%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088612.D	1	05/13/25 08:30	05/19/25 17:31	PB167959

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

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-09RE	OU4-TS-25-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-11RE	OU4-TS-26-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	

LAB CHRONICLE

Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-13RE	OU4-TS-27-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/13/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-15RE	OU4-TS-28-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q1984				Order ID:	Q1984				
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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	95.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111012.D	1	05/12/25 09:05	05/12/25 13:42	PB167949

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	17.9	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	24.2		44 - 130		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 125		108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-34-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-03		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	95.7	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
PO111013.D	1	05/12/25 09:05	05/12/25 14:00	PB167949

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	23.8		44 - 130		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		60 - 125		104%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	94.4	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
PO111014.D	1	05/12/25 09:05	05/12/25 14:19	PB167949

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	24.3		44 - 130		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 125		108%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	69.7	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
PO111015.D	1	05/12/25 09:05	05/12/25 14:37	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	11.9	U	5.70	11.9	24.4	ug/kg
11104-28-2	Aroclor-1221	18.6	U	5.80	18.6	24.4	ug/kg
11141-16-5	Aroclor-1232	11.9	U	5.30	11.9	24.4	ug/kg
53469-21-9	Aroclor-1242	11.9	U	5.70	11.9	24.4	ug/kg
12672-29-6	Aroclor-1248	18.6	U	8.50	18.6	24.4	ug/kg
11097-69-1	Aroclor-1254	11.9	U	4.60	11.9	24.4	ug/kg
37324-23-5	Aroclor-1262	18.6	U	7.20	18.6	24.4	ug/kg
11100-14-4	Aroclor-1268	11.9	U	5.20	11.9	24.4	ug/kg
11096-82-5	Aroclor-1260	11.9	U	4.60	11.9	24.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		44 - 130		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 125		80%	SPK: 20

Comments:

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Report of Analysis

Client:	Nobis Group			Date Collected:	05/07/25	
Project:	Raymark Superfund Site			Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725			SDG No.:	Q1984	
Lab Sample ID:	Q1984-09			Matrix:	SOIL	
Analytical Method:	8082A			% Solid:	68	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
PO111031.D	1	05/12/25 09:05	05/13/25 10:46	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.2	U	5.80	12.2	24.9	ug/kg
11104-28-2	Aroclor-1221	19.1	U	5.90	19.1	24.9	ug/kg
11141-16-5	Aroclor-1232	12.2	U	5.50	12.2	24.9	ug/kg
53469-21-9	Aroclor-1242	12.2	U	5.90	12.2	24.9	ug/kg
12672-29-6	Aroclor-1248	19.1	U	8.70	19.1	24.9	ug/kg
11097-69-1	Aroclor-1254	12.2	U	4.70	12.2	24.9	ug/kg
37324-23-5	Aroclor-1262	19.1	U	7.40	19.1	24.9	ug/kg
11100-14-4	Aroclor-1268	12.2	U	5.30	12.2	24.9	ug/kg
11096-82-5	Aroclor-1260	12.2	U	4.70	12.2	24.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.3		44 - 130		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 125		90%	SPK: 20

Comments:

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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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	60.1	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
PO111017.D	1	05/12/25 09:05	05/12/25 15:12	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	13.8	U	6.60	13.8	28.3	ug/kg
11104-28-2	Aroclor-1221	21.6	U	6.70	21.6	28.3	ug/kg
11141-16-5	Aroclor-1232	13.8	U	6.20	13.8	28.3	ug/kg
53469-21-9	Aroclor-1242	13.8	U	6.70	13.8	28.3	ug/kg
12672-29-6	Aroclor-1248	21.6	U	9.80	21.6	28.3	ug/kg
11097-69-1	Aroclor-1254	13.8	U	5.30	13.8	28.3	ug/kg
37324-23-5	Aroclor-1262	21.6	U	8.30	21.6	28.3	ug/kg
11100-14-4	Aroclor-1268	13.8	U	6.00	13.8	28.3	ug/kg
11096-82-5	Aroclor-1260	13.8	U	5.40	13.8	28.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.2		44 - 130		86%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.69	*	60 - 125		48%	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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	62.5	Decanted:
Sample Wt/Vol:	30.07	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
PP072008.D	1	05/12/25 09:05	05/13/25 10:08	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	13.2	U	6.30	13.2	27.1	ug/kg
11104-28-2	Aroclor-1221	20.8	U	6.40	20.8	27.1	ug/kg
11141-16-5	Aroclor-1232	13.2	U	5.90	13.2	27.1	ug/kg
53469-21-9	Aroclor-1242	13.2	U	6.40	13.2	27.1	ug/kg
12672-29-6	Aroclor-1248	20.8	U	9.40	20.8	27.1	ug/kg
11097-69-1	Aroclor-1254	13.2	U	5.10	13.2	27.1	ug/kg
37324-23-5	Aroclor-1262	20.8	U	8.00	20.8	27.1	ug/kg
11100-14-4	Aroclor-1268	13.2	U	5.70	13.2	27.1	ug/kg
11096-82-5	Aroclor-1260	13.2	U	5.20	13.2	27.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.0		44 - 130		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 125		95%	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

Report of Analysis

Client:	Nobis Group			Date Collected:	05/07/25	
Project:	Raymark Superfund Site			Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725			SDG No.:	Q1984	
Lab Sample ID:	Q1984-15			Matrix:	SOIL	
Analytical Method:	8082A			% Solid:	64.6	Decanted:
Sample Wt/Vol:	30.04	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
PO111052.D	1	05/13/25 08:30	05/14/25 10:49	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.8	U	6.10	12.8	26.3	ug/kg
11104-28-2	Aroclor-1221	20.1	U	6.20	20.1	26.3	ug/kg
11141-16-5	Aroclor-1232	12.8	U	5.80	12.8	26.3	ug/kg
53469-21-9	Aroclor-1242	12.8	U	6.20	12.8	26.3	ug/kg
12672-29-6	Aroclor-1248	20.1	U	9.20	20.1	26.3	ug/kg
11097-69-1	Aroclor-1254	12.8	U	5.00	12.8	26.3	ug/kg
37324-23-5	Aroclor-1262	20.1	U	7.80	20.1	26.3	ug/kg
11100-14-4	Aroclor-1268	12.8	U	5.60	12.8	26.3	ug/kg
11096-82-5	Aroclor-1260	12.8	U	5.00	12.8	26.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.9		44 - 130		70%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		60 - 125		115%	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

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/13/25	05/14/25	

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q1984	Order ID:	Q1984
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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-33-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-01		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	95.1	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
PS030245.D	1	05/14/25 08:30	05/15/25 19:43	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0081	0.035	0.070	mg/Kg
75-99-0	DALAPON	0.053	U	0.018	0.053	0.070	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.013	0.035	0.070	mg/Kg
94-75-7	2,4-D	0.035	U	0.0095	0.035	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0095	0.035	0.070	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0091	0.035	0.070	mg/Kg
94-82-6	2,4-DB	0.035	U	0.025	0.035	0.070	mg/Kg
88-85-7	DINOSEB	0.035	U	0.011	0.035	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	383		27 - 122		77%	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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-34-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-03		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	95.7	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
PS030246.D	1	05/14/25 08:30	05/15/25 20:07	PB167996

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	373		27 - 122		75%	SPK: 500

Comments:

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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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	94.4	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
PS030249.D	1	05/14/25 08:30	05/15/25 21:19	PB167996

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	323		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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	69.7	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
PS030250.D	1	05/14/25 08:30	05/15/25 21:43	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.047	U	0.011	0.047	0.096	mg/Kg
75-99-0	DALAPON	0.072	U	0.025	0.072	0.096	mg/Kg
120-36-5	DICHLORPROP	0.047	U	0.018	0.047	0.096	mg/Kg
94-75-7	2,4-D	0.047	U	0.013	0.047	0.096	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.047	U	0.013	0.047	0.096	mg/Kg
93-76-5	2,4,5-T	0.047	U	0.013	0.047	0.096	mg/Kg
94-82-6	2,4-DB	0.047	U	0.035	0.047	0.096	mg/Kg
88-85-7	DINOSEB	0.047	U	0.016	0.047	0.096	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	196		27 - 122		39%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	68	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
PS030251.D	1	05/14/25 08:30	05/15/25 22:08	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.048	U	0.011	0.048	0.098	mg/Kg
75-99-0	DALAPON	0.073	U	0.026	0.073	0.098	mg/Kg
120-36-5	DICHLORPROP	0.048	U	0.019	0.048	0.098	mg/Kg
94-75-7	2,4-D	0.048	U	0.013	0.048	0.098	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.048	U	0.013	0.048	0.098	mg/Kg
93-76-5	2,4,5-T	0.048	U	0.013	0.048	0.098	mg/Kg
94-82-6	2,4-DB	0.048	U	0.036	0.048	0.098	mg/Kg
88-85-7	DINOSEB	0.048	U	0.016	0.048	0.098	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	220		27 - 122		44%	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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	60.1	Decanted:
Sample Wt/Vol:	30.09	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
PS030252.D	1	05/14/25 08:30	05/15/25 22:32	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.055	U	0.013	0.055	0.11	mg/Kg
75-99-0	DALAPON	0.083	U	0.029	0.083	0.11	mg/Kg
120-36-5	DICHLORPROP	0.055	U	0.021	0.055	0.11	mg/Kg
94-75-7	2,4-D	0.055	U	0.015	0.055	0.11	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.055	U	0.015	0.055	0.11	mg/Kg
93-76-5	2,4,5-T	0.055	U	0.014	0.055	0.11	mg/Kg
94-82-6	2,4-DB	0.055	U	0.040	0.055	0.11	mg/Kg
88-85-7	DINOSEB	0.055	U	0.018	0.055	0.11	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	249		27 - 122		50%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	62.5	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
PS030253.D	1	05/14/25 08:30	05/15/25 22:56	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.053	U	0.012	0.053	0.11	mg/Kg
75-99-0	DALAPON	0.080	U	0.028	0.080	0.11	mg/Kg
120-36-5	DICHLORPROP	0.053	U	0.020	0.053	0.11	mg/Kg
94-75-7	2,4-D	0.053	U	0.014	0.053	0.11	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.053	U	0.015	0.053	0.11	mg/Kg
93-76-5	2,4,5-T	0.053	U	0.014	0.053	0.11	mg/Kg
94-82-6	2,4-DB	0.053	U	0.039	0.053	0.11	mg/Kg
88-85-7	DINOSEB	0.053	U	0.017	0.053	0.11	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	291		27 - 122		58%	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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	64.6	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
PS030254.D	1	05/14/25 08:30	05/15/25 23:20	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.051	U	0.012	0.051	0.10	mg/Kg
75-99-0	DALAPON	0.077	U	0.027	0.077	0.10	mg/Kg
120-36-5	DICHLORPROP	0.051	U	0.020	0.051	0.10	mg/Kg
94-75-7	2,4-D	0.051	U	0.014	0.051	0.10	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.051	U	0.014	0.051	0.10	mg/Kg
93-76-5	2,4,5-T	0.051	U	0.014	0.051	0.10	mg/Kg
94-82-6	2,4-DB	0.051	U	0.037	0.051	0.10	mg/Kg
88-85-7	DINOSEB	0.051	U	0.017	0.051	0.10	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	339		27 - 122		68%	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

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			PCB	8082A		05/12/25	05/13/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-09RE	OU4-TS-25-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	

LAB CHRONICLE

			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-11RE	OU4-TS-26-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			PCB	8082A		05/12/25	05/13/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-13RE	OU4-TS-27-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			PCB	8082A		05/13/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-15RE	OU4-TS-28-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	

Hit Summary Sheet
SW-846

SDG No.: Q1984 **Order ID:** Q1984
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-33-050725									
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Aluminum	8950		0.85	4.02	5.03	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Arsenic	1.31		0.19	0.81	1.01	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Barium	7.11		0.74	1.26	5.03	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Beryllium	0.21	J	0.025	0.075	0.30	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Calcium	8000		11.2	25.2	101	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Chromium	2.34		0.047	0.13	0.50	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Cobalt	13.5		0.10	0.38	1.51	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Copper	33.2		0.22	0.81	1.01	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Iron	21400		4.01	4.02	5.03	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Lead	0.58	J	0.13	0.48	0.60	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Magnesium	6370		12.1	25.2	101	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Manganese	136		0.14	0.25	1.01	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Mercury	0.0080	J	0.0080	0.011	0.014	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Nickel	10.7		0.13	0.50	2.01	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Potassium	131		27.9	80.5	101	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Sodium	1930		17.9	80.5	101	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Vanadium	64.8		0.25	1.01	2.01	mg/Kg
Q1984-01	OU4-PCS-TC-33-050725	SOIL	Zinc	26.1		0.23	0.50	2.01	mg/Kg
Client ID : OU4-PCS-TC-34-050725									
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Aluminum	9260		0.74	3.53	4.41	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Arsenic	1.92		0.17	0.71	0.88	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Barium	6.71		0.64	1.10	4.41	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Beryllium	0.17	J	0.022	0.066	0.27	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Calcium	7890		9.79	22.0	88.2	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Chromium	2.39		0.041	0.11	0.44	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Cobalt	14.2		0.088	0.33	1.32	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Copper	34.3		0.19	0.71	0.88	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Iron	20400		3.52	3.53	4.41	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Lead	1.16		0.12	0.42	0.53	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Magnesium	6350		10.6	22.0	88.2	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Manganese	146		0.12	0.22	0.88	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Nickel	11.2		0.12	0.44	1.76	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Potassium	129		24.4	70.5	88.2	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Sodium	1750		15.7	70.5	88.2	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Vanadium	67.4		0.22	0.88	1.76	mg/Kg
Q1984-03	OU4-PCS-TC-34-050725	SOIL	Zinc	20.7		0.20	0.44	1.76	mg/Kg

Hit Summary Sheet SW-846

SDG No.: Q1984 **Order ID:** Q1984
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-35-050725									
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Aluminum	9050		0.79	3.78	4.73	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Arsenic	1.51		0.18	0.76	0.95	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Barium	6.29		0.69	1.18	4.73	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Beryllium	0.17	J	0.024	0.071	0.28	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Cadmium	0.79		0.023	0.071	0.28	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Calcium	8810		10.5	23.6	94.6	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Chromium	2.63		0.044	0.12	0.47	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Cobalt	14.0		0.095	0.36	1.42	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Copper	33.4		0.21	0.76	0.95	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Iron	20300		3.77	3.78	4.73	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Lead	0.56	J	0.12	0.45	0.57	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Magnesium	6200		11.3	23.6	94.6	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Manganese	136		0.13	0.24	0.95	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Nickel	11.1		0.12	0.47	1.89	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Potassium	133		26.2	75.7	94.6	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Sodium	1740		16.8	75.7	94.6	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Vanadium	70.8		0.24	0.95	1.89	mg/Kg
Q1984-05	OU4-PCS-TC-35-050725	SOIL	Zinc	21.9		0.22	0.47	1.89	mg/Kg
Client ID : OU4-TS-24-050725									
Q1984-07	OU4-TS-24-050725	SOIL	Aluminum	16800		1.10	5.22	6.52	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Arsenic	28.8		0.25	1.04	1.30	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Barium	105		0.95	1.63	6.52	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Beryllium	0.94		0.033	0.098	0.39	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Cadmium	1.56		0.031	0.098	0.39	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Calcium	3350		14.5	32.6	130	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Chromium	26.1		0.061	0.16	0.65	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Cobalt	14.5		0.13	0.49	1.96	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Copper	45.4		0.29	1.04	1.30	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Iron	26300		5.20	5.22	6.52	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Lead	32.0		0.17	0.63	0.78	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Magnesium	6020		15.7	32.6	130	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Manganese	397		0.18	0.33	1.30	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Mercury	0.050		0.0090	0.014	0.017	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Nickel	29.4		0.17	0.65	2.61	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Potassium	5360		36.1	104	130	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Silver	0.19	J	0.16	0.33	0.65	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Sodium	212		23.2	104	130	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Vanadium	36.9		0.33	1.30	2.61	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Zinc	79.3		0.30	0.65	2.61	mg/Kg

Hit Summary Sheet SW-846

SDG No.: Q1984 **Order ID:** Q1984
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-25-050725									
Q1984-09	OU4-TS-25-050725	SOIL	Aluminum	17900		1.17	5.55	6.94	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Arsenic	26.1		0.26	1.11	1.39	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Barium	109		1.01	1.73	6.94	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Beryllium	0.96		0.035	0.10	0.42	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Cadmium	1.82		0.033	0.10	0.42	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Calcium	3390		15.4	34.7	139	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Chromium	26.8		0.065	0.17	0.69	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Cobalt	17.6		0.14	0.52	2.08	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Copper	47.2		0.31	1.11	1.39	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Iron	28200		5.54	5.55	6.94	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Lead	31.1		0.18	0.67	0.83	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Magnesium	6290		16.6	34.7	139	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Manganese	524		0.19	0.35	1.39	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Mercury	0.063		0.010	0.014	0.018	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Nickel	29.7		0.18	0.69	2.77	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Potassium	5730		38.4	111	139	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Silver	0.28	J	0.17	0.35	0.69	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Sodium	216		24.7	111	139	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Vanadium	42.2		0.35	1.39	2.77	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	Zinc	82.2		0.32	0.69	2.77	mg/Kg
Client ID : OU4-TS-26-050725									
Q1984-11	OU4-TS-26-050725	SOIL	Aluminum	17000		1.36	6.46	8.08	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Arsenic	25.4		0.31	1.29	1.62	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Barium	108		1.18	2.02	8.08	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Beryllium	0.85		0.040	0.12	0.49	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Cadmium	1.48		0.039	0.12	0.49	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Calcium	5330		17.9	40.4	162	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Chromium	25.0		0.076	0.20	0.81	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Cobalt	15.7		0.16	0.61	2.42	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Copper	45.1		0.36	1.29	1.62	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Iron	28700		6.45	6.46	8.08	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Lead	29.5		0.21	0.78	0.97	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Magnesium	6770		19.4	40.4	162	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Manganese	543		0.23	0.40	1.62	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Mercury	0.039		0.012	0.017	0.021	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Nickel	27.2		0.21	0.81	3.23	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Potassium	6890		44.7	129	162	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Silver	0.39	J	0.19	0.40	0.81	mg/Kg

Hit Summary Sheet SW-846

SDG No.: Q1984 **Order ID:** Q1984
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1984-11	OU4-TS-26-050725	SOIL	Sodium	245		28.8	129	162	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Vanadium	40.6		0.40	1.62	3.23	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	Zinc	88.9		0.37	0.81	3.23	mg/Kg
Client ID : OU4-TS-27-050725									
Q1984-13	OU4-TS-27-050725	SOIL	Aluminum	15800		1.14	5.42	6.78	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Arsenic	21.4		0.26	1.08	1.36	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Barium	102		0.99	1.69	6.78	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Beryllium	0.89		0.034	0.10	0.41	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Cadmium	1.65		0.033	0.10	0.41	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Calcium	5040		15.1	33.9	136	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Chromium	24.8		0.064	0.17	0.68	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Cobalt	14.1		0.14	0.51	2.03	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Copper	45.0		0.30	1.08	1.36	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Iron	23600		5.41	5.42	6.78	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Lead	28.1		0.18	0.65	0.81	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Magnesium	6340		16.3	33.9	136	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Manganese	479		0.19	0.34	1.36	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Mercury	0.40		0.011	0.015	0.019	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Nickel	26.6		0.18	0.68	2.71	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Potassium	5340		37.6	108	136	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Sodium	233		24.1	108	136	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Vanadium	38.4		0.34	1.36	2.71	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Zinc	83.9		0.31	0.68	2.71	mg/Kg
Client ID : OU4-TS-28-050725									
Q1984-15	OU4-TS-28-050725	SOIL	Aluminum	20400		1.14	5.41	6.76	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Arsenic	30.2		0.26	1.08	1.35	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Barium	123		0.99	1.69	6.76	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Beryllium	1.09		0.034	0.10	0.41	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Cadmium	2.39		0.032	0.10	0.41	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Calcium	3330		15.0	33.8	135	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Chromium	28.9		0.064	0.17	0.68	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Cobalt	19.0		0.14	0.51	2.03	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Copper	53.7		0.30	1.08	1.35	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Iron	32600		5.39	5.41	6.76	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Lead	35.7		0.18	0.65	0.81	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Magnesium	6820		16.2	33.8	135	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Manganese	481		0.19	0.34	1.35	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Mercury	0.016	J	0.011	0.015	0.019	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Nickel	34.7		0.18	0.68	2.70	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1984	Order ID:	Q1984
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1984-15	OU4-TS-28-050725	SOIL	Potassium	6620		37.4	108	135	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Silver	0.29	J	0.16	0.34	0.68	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Sodium	238		24.1	108	135	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Vanadium	43.5		0.34	1.35	2.70	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	Zinc	90.7		0.31	0.68	2.70	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8950		1	0.85	4.02	5.03	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-36-0	Antimony	0.63	UN	1	0.22	0.63	2.52	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-38-2	Arsenic	1.31	N	1	0.19	0.81	1.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-39-3	Barium	7.11		1	0.74	1.26	5.03	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-41-7	Beryllium	0.21	JN	1	0.025	0.075	0.30	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-43-9	Cadmium	0.075	U	1	0.024	0.075	0.30	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-70-2	Calcium	8000	*	1	11.2	25.2	101	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-47-3	Chromium	2.34	N	1	0.047	0.13	0.50	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-48-4	Cobalt	13.5	N	1	0.10	0.38	1.51	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-50-8	Copper	33.2	N	1	0.22	0.81	1.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7439-89-6	Iron	21400		1	4.01	4.02	5.03	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7439-92-1	Lead	0.58	JN	1	0.13	0.48	0.60	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7439-95-4	Magnesium	6370		1	12.1	25.2	101	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7439-96-5	Manganese	136		1	0.14	0.25	1.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.011	0.014	mg/Kg	05/09/25 16:05	05/12/25 11:30	7471B	
7440-02-0	Nickel	10.7	N	1	0.13	0.50	2.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-09-7	Potassium	131		1	27.9	80.5	101	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7782-49-2	Selenium	0.81	UN	1	0.26	0.81	1.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-22-4	Silver	0.25	UN	1	0.12	0.25	0.50	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-23-5	Sodium	1930	N	1	17.9	80.5	101	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-28-0	Thallium	1.01	U	1	0.23	1.01	2.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-62-2	Vanadium	64.8	N	1	0.25	1.01	2.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050
7440-66-6	Zinc	26.1		1	0.23	0.50	2.01	mg/Kg	05/09/25 10:02	05/20/25 18:01	6010D	SW3050

Color Before:	Black	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-03	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	9260		1	0.74	3.53	4.41	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-36-0	Antimony	0.55	UN	1	0.19	0.55	2.20	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-38-2	Arsenic	1.92	N	1	0.17	0.71	0.88	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-39-3	Barium	6.71		1	0.64	1.10	4.41	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-41-7	Beryllium	0.17	JN	1	0.022	0.066	0.27	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-43-9	Cadmium	0.066	U	1	0.021	0.066	0.27	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-70-2	Calcium	7890	*	1	9.79	22.0	88.2	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-47-3	Chromium	2.39	N	1	0.041	0.11	0.44	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-48-4	Cobalt	14.2	N	1	0.088	0.33	1.32	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-50-8	Copper	34.3	N	1	0.19	0.71	0.88	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7439-89-6	Iron	20400		1	3.52	3.53	4.41	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7439-92-1	Lead	1.16	N	1	0.12	0.42	0.53	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7439-95-4	Magnesium	6350		1	10.6	22.0	88.2	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7439-96-5	Manganese	146		1	0.12	0.22	0.88	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7439-97-6	Mercury	0.012	U	1	0.0080	0.012	0.015	mg/Kg	05/09/25 16:05	05/12/25 11:32	7471B	
7440-02-0	Nickel	11.2	N	1	0.12	0.44	1.76	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-09-7	Potassium	129		1	24.4	70.5	88.2	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7782-49-2	Selenium	0.71	UN	1	0.23	0.71	0.88	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-22-4	Silver	0.22	UN	1	0.11	0.22	0.44	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-23-5	Sodium	1750	N	1	15.7	70.5	88.2	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-28-0	Thallium	0.88	U	1	0.20	0.88	1.76	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-62-2	Vanadium	67.4	N	1	0.22	0.88	1.76	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050
7440-66-6	Zinc	20.7		1	0.20	0.44	1.76	mg/Kg	05/09/25 10:02	05/20/25 18:05	6010D	SW3050

Color Before:	Black	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9050		1	0.79	3.78	4.73	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-36-0	Antimony	0.59	UN	1	0.21	0.59	2.36	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-38-2	Arsenic	1.51	N	1	0.18	0.76	0.95	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-39-3	Barium	6.29		1	0.69	1.18	4.73	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-41-7	Beryllium	0.17	JN	1	0.024	0.071	0.28	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-43-9	Cadmium	0.79		1	0.023	0.071	0.28	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-70-2	Calcium	8810	*	1	10.5	23.6	94.6	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-47-3	Chromium	2.63	N	1	0.044	0.12	0.47	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-48-4	Cobalt	14.0	N	1	0.095	0.36	1.42	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-50-8	Copper	33.4	N	1	0.21	0.76	0.95	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7439-89-6	Iron	20300		1	3.77	3.78	4.73	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7439-92-1	Lead	0.56	JN	1	0.12	0.45	0.57	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7439-95-4	Magnesium	6200		1	11.3	23.6	94.6	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7439-96-5	Manganese	136		1	0.13	0.24	0.95	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7439-97-6	Mercury	0.011	U	1	0.0080	0.011	0.014	mg/Kg	05/09/25 16:05	05/12/25 11:34	7471B	
7440-02-0	Nickel	11.1	N	1	0.12	0.47	1.89	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-09-7	Potassium	133		1	26.2	75.7	94.6	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7782-49-2	Selenium	0.76	UN	1	0.25	0.76	0.95	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-22-4	Silver	0.24	UN	1	0.11	0.24	0.47	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-23-5	Sodium	1740	N	1	16.8	75.7	94.6	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-28-0	Thallium	0.95	U	1	0.22	0.95	1.89	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-62-2	Vanadium	70.8	N	1	0.24	0.95	1.89	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050
7440-66-6	Zinc	21.9		1	0.22	0.47	1.89	mg/Kg	05/09/25 10:02	05/21/25 15:24	6010D	SW3050

Color Before:	Black	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	69.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	16800		1	1.10	5.22	6.52	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-36-0	Antimony	0.82	UN	1	0.29	0.82	3.26	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-38-2	Arsenic	28.8	N	1	0.25	1.04	1.30	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-39-3	Barium	105		1	0.95	1.63	6.52	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-41-7	Beryllium	0.94	N	1	0.033	0.098	0.39	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-43-9	Cadmium	1.56		1	0.031	0.098	0.39	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-70-2	Calcium	3350	*	1	14.5	32.6	130	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-47-3	Chromium	26.1	N	1	0.061	0.16	0.65	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-48-4	Cobalt	14.5	N	1	0.13	0.49	1.96	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-50-8	Copper	45.4	N	1	0.29	1.04	1.30	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7439-89-6	Iron	26300		1	5.20	5.22	6.52	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7439-92-1	Lead	32.0	N	1	0.17	0.63	0.78	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7439-95-4	Magnesium	6020		1	15.7	32.6	130	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7439-96-5	Manganese	397		1	0.18	0.33	1.30	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7439-97-6	Mercury	0.050		1	0.0090	0.014	0.017	mg/Kg	05/09/25 16:05	05/12/25 11:41	7471B	
7440-02-0	Nickel	29.4	N	1	0.17	0.65	2.61	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-09-7	Potassium	5360		1	36.1	104	130	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7782-49-2	Selenium	1.04	UN	1	0.34	1.04	1.30	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-22-4	Silver	0.19	JN	1	0.16	0.33	0.65	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-23-5	Sodium	212	N	1	23.2	104	130	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-28-0	Thallium	1.30	U	1	0.30	1.30	2.61	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-62-2	Vanadium	36.9	N	1	0.33	1.30	2.61	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050
7440-66-6	Zinc	79.3		1	0.30	0.65	2.61	mg/Kg	05/09/25 10:02	05/21/25 15:28	6010D	SW3050

Color Before:	Black	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	68

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17900		1	1.17	5.55	6.94	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-36-0	Antimony	0.87	UN	1	0.31	0.87	3.47	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-38-2	Arsenic	26.1	N	1	0.26	1.11	1.39	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-39-3	Barium	109		1	1.01	1.73	6.94	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-41-7	Beryllium	0.96	N	1	0.035	0.10	0.42	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-43-9	Cadmium	1.82		1	0.033	0.10	0.42	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-70-2	Calcium	3390	*	1	15.4	34.7	139	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-47-3	Chromium	26.8	N	1	0.065	0.17	0.69	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-48-4	Cobalt	17.6	N	1	0.14	0.52	2.08	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-50-8	Copper	47.2	N	1	0.31	1.11	1.39	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7439-89-6	Iron	28200		1	5.54	5.55	6.94	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7439-92-1	Lead	31.1	N	1	0.18	0.67	0.83	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7439-95-4	Magnesium	6290		1	16.6	34.7	139	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7439-96-5	Manganese	524		1	0.19	0.35	1.39	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7439-97-6	Mercury	0.063		1	0.010	0.014	0.018	mg/Kg	05/09/25 16:05	05/12/25 11:43	7471B	
7440-02-0	Nickel	29.7	N	1	0.18	0.69	2.77	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-09-7	Potassium	5730		1	38.4	111	139	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7782-49-2	Selenium	1.11	UN	1	0.36	1.11	1.39	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-22-4	Silver	0.28	JN	1	0.17	0.35	0.69	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-23-5	Sodium	216	N	1	24.7	111	139	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-28-0	Thallium	1.39	U	1	0.32	1.39	2.77	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-62-2	Vanadium	42.2	N	1	0.35	1.39	2.77	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050
7440-66-6	Zinc	82.2		1	0.32	0.69	2.77	mg/Kg	05/09/25 10:02	05/21/25 15:37	6010D	SW3050

Color Before:	Black	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	60.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17000		1	1.36	6.46	8.08	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-36-0	Antimony	1.01	UN	1	0.36	1.01	4.04	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-38-2	Arsenic	25.4	N	1	0.31	1.29	1.62	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-39-3	Barium	108		1	1.18	2.02	8.08	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-41-7	Beryllium	0.85	N	1	0.040	0.12	0.49	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-43-9	Cadmium	1.48		1	0.039	0.12	0.49	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-70-2	Calcium	5330	*	1	17.9	40.4	162	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-47-3	Chromium	25.0	N	1	0.076	0.20	0.81	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-48-4	Cobalt	15.7	N	1	0.16	0.61	2.42	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-50-8	Copper	45.1	N	1	0.36	1.29	1.62	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7439-89-6	Iron	28700		1	6.45	6.46	8.08	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7439-92-1	Lead	29.5	N	1	0.21	0.78	0.97	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7439-95-4	Magnesium	6770		1	19.4	40.4	162	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7439-96-5	Manganese	543		1	0.23	0.40	1.62	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7439-97-6	Mercury	0.039		1	0.012	0.017	0.021	mg/Kg	05/09/25 16:05	05/12/25 11:46	7471B	
7440-02-0	Nickel	27.2	N	1	0.21	0.81	3.23	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-09-7	Potassium	6890		1	44.7	129	162	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7782-49-2	Selenium	1.29	UN	1	0.42	1.29	1.62	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-22-4	Silver	0.39	JN	1	0.19	0.40	0.81	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-23-5	Sodium	245	N	1	28.8	129	162	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-28-0	Thallium	1.62	U	1	0.37	1.62	3.23	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-62-2	Vanadium	40.6	N	1	0.40	1.62	3.23	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050
7440-66-6	Zinc	88.9		1	0.37	0.81	3.23	mg/Kg	05/09/25 10:02	05/21/25 15:41	6010D	SW3050

Color Before:	Black	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	62.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	15800		1	1.14	5.42	6.78	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-36-0	Antimony	0.85	UN	1	0.30	0.85	3.39	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-38-2	Arsenic	21.4	N	1	0.26	1.08	1.36	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-39-3	Barium	102		1	0.99	1.69	6.78	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-41-7	Beryllium	0.89	N	1	0.034	0.10	0.41	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-43-9	Cadmium	1.65		1	0.033	0.10	0.41	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-70-2	Calcium	5040	*	1	15.1	33.9	136	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-47-3	Chromium	24.8	N	1	0.064	0.17	0.68	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-48-4	Cobalt	14.1	N	1	0.14	0.51	2.03	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-50-8	Copper	45.0	N	1	0.30	1.08	1.36	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7439-89-6	Iron	23600		1	5.41	5.42	6.78	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7439-92-1	Lead	28.1	N	1	0.18	0.65	0.81	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7439-95-4	Magnesium	6340		1	16.3	33.9	136	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7439-96-5	Manganese	479		1	0.19	0.34	1.36	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7439-97-6	Mercury	0.40		1	0.011	0.015	0.019	mg/Kg	05/09/25 16:05	05/12/25 11:48	7471B	
7440-02-0	Nickel	26.6	N	1	0.18	0.68	2.71	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-09-7	Potassium	5340		1	37.6	108	136	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7782-49-2	Selenium	1.08	UN	1	0.35	1.08	1.36	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-22-4	Silver	0.34	UN	1	0.16	0.34	0.68	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-23-5	Sodium	233	N	1	24.1	108	136	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-28-0	Thallium	1.36	U	1	0.31	1.36	2.71	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-62-2	Vanadium	38.4	N	1	0.34	1.36	2.71	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050
7440-66-6	Zinc	83.9		1	0.31	0.68	2.71	mg/Kg	05/09/25 10:02	05/21/25 15:45	6010D	SW3050

Color Before:	Black	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	64.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	20400		1	1.14	5.41	6.76	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-36-0	Antimony	0.85	UN	1	0.30	0.85	3.38	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-38-2	Arsenic	30.2	N	1	0.26	1.08	1.35	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-39-3	Barium	123		1	0.99	1.69	6.76	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-41-7	Beryllium	1.09	N	1	0.034	0.10	0.41	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-43-9	Cadmium	2.39		1	0.032	0.10	0.41	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-70-2	Calcium	3330	*	1	15.0	33.8	135	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-47-3	Chromium	28.9	N	1	0.064	0.17	0.68	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-48-4	Cobalt	19.0	N	1	0.14	0.51	2.03	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-50-8	Copper	53.7	N	1	0.30	1.08	1.35	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7439-89-6	Iron	32600		1	5.39	5.41	6.76	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7439-92-1	Lead	35.7	N	1	0.18	0.65	0.81	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7439-95-4	Magnesium	6820		1	16.2	33.8	135	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7439-96-5	Manganese	481		1	0.19	0.34	1.35	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7439-97-6	Mercury	0.016	J	1	0.011	0.015	0.019	mg/Kg	05/09/25 16:05	05/12/25 11:50	7471B	
7440-02-0	Nickel	34.7	N	1	0.18	0.68	2.70	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-09-7	Potassium	6620		1	37.4	108	135	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7782-49-2	Selenium	1.08	UN	1	0.35	1.08	1.35	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-22-4	Silver	0.29	JN	1	0.16	0.34	0.68	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-23-5	Sodium	238	N	1	24.1	108	135	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-28-0	Thallium	1.35	U	1	0.31	1.35	2.70	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-62-2	Vanadium	43.5	N	1	0.34	1.35	2.70	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050
7440-66-6	Zinc	90.7		1	0.31	0.68	2.70	mg/Kg	05/09/25 10:02	05/21/25 15:58	6010D	SW3050

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

U = Not Detected
LOQ = Limit of Quantitation
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LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/20/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/20/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	

LAB CHRONICLE

Metals ICP-TAL	6010D	05/09/25	05/21/25
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Hit Summary Sheet SW-846

SDG No.: Q1984 **Order ID:** Q1984
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-33-050725									
Q1984-02	OU4-PCS-TC-33-050725	Water	Arsenic	2.55	JD	0.45	1.25	5.00	ug/L
Q1984-02	OU4-PCS-TC-33-050725	Water	Barium	93.4	D	1.05	6.25	50.0	ug/L
Q1984-02	OU4-PCS-TC-33-050725	Water	Chromium	2.95	JD	1.05	3.75	10.0	ug/L
Q1984-02	OU4-PCS-TC-33-050725	Water	Copper	15.6	D	1.50	7.50	10.0	ug/L
Q1984-02	OU4-PCS-TC-33-050725	Water	Nickel	81.0	D	1.35	3.75	5.00	ug/L
Q1984-02	OU4-PCS-TC-33-050725	Water	Mercury	0.27		0.076	0.16	0.20	ug/L
Q1984-02	OU4-PCS-TC-33-050725	Water	Vanadium	270	D	0.39	1.25	25.0	ug/L
Q1984-02	OU4-PCS-TC-33-050725	Water	Zinc	546	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-34-050725									
Q1984-04	OU4-PCS-TC-34-050725	Water	Arsenic	1.90	JD	0.45	1.25	5.00	ug/L
Q1984-04	OU4-PCS-TC-34-050725	Water	Barium	100	D	1.05	6.25	50.0	ug/L
Q1984-04	OU4-PCS-TC-34-050725	Water	Chromium	2.40	JD	1.05	3.75	10.0	ug/L
Q1984-04	OU4-PCS-TC-34-050725	Water	Copper	16.4	D	1.50	7.50	10.0	ug/L
Q1984-04	OU4-PCS-TC-34-050725	Water	Nickel	75.9	D	1.35	3.75	5.00	ug/L
Q1984-04	OU4-PCS-TC-34-050725	Water	Vanadium	184	D	0.39	1.25	25.0	ug/L
Q1984-04	OU4-PCS-TC-34-050725	Water	Zinc	543	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-35-050725									
Q1984-06	OU4-PCS-TC-35-050725	Water	Arsenic	1.80	JD	0.45	1.25	5.00	ug/L
Q1984-06	OU4-PCS-TC-35-050725	Water	Barium	99.6	D	1.05	6.25	50.0	ug/L
Q1984-06	OU4-PCS-TC-35-050725	Water	Chromium	2.30	JD	1.05	3.75	10.0	ug/L
Q1984-06	OU4-PCS-TC-35-050725	Water	Copper	17.3	D	1.50	7.50	10.0	ug/L
Q1984-06	OU4-PCS-TC-35-050725	Water	Nickel	77.6	D	1.35	3.75	5.00	ug/L
Q1984-06	OU4-PCS-TC-35-050725	Water	Vanadium	136	D	0.39	1.25	25.0	ug/L
Q1984-06	OU4-PCS-TC-35-050725	Water	Zinc	532	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-24-050725									
Q1984-08	OU4-TS-24-050725	Water	Arsenic	25.3	D	0.45	1.25	5.00	ug/L
Q1984-08	OU4-TS-24-050725	Water	Barium	120	D	1.05	6.25	50.0	ug/L
Q1984-08	OU4-TS-24-050725	Water	Beryllium	12.4	D	1.60	3.75	5.00	ug/L
Q1984-08	OU4-TS-24-050725	Water	Cadmium	9.35	D	1.70	2.50	5.00	ug/L
Q1984-08	OU4-TS-24-050725	Water	Chromium	37.3	D	1.05	3.75	10.0	ug/L
Q1984-08	OU4-TS-24-050725	Water	Copper	171	D	1.50	7.50	10.0	ug/L
Q1984-08	OU4-TS-24-050725	Water	Lead	31.3	D	1.05	3.75	5.00	ug/L
Q1984-08	OU4-TS-24-050725	Water	Nickel	203	D	1.35	3.75	5.00	ug/L
Q1984-08	OU4-TS-24-050725	Water	Thallium	0.80	JD	0.30	2.50	5.00	ug/L
Q1984-08	OU4-TS-24-050725	Water	Vanadium	59.8	D	0.39	1.25	25.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q1984 **Order ID:** Q1984
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1984-08	OU4-TS-24-050725	Water	Zinc	2040	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-25-050725									
Q1984-10	OU4-TS-25-050725	Water	Arsenic	26.3	D	0.45	1.25	5.00	ug/L
Q1984-10	OU4-TS-25-050725	Water	Barium	118	D	1.05	6.25	50.0	ug/L
Q1984-10	OU4-TS-25-050725	Water	Beryllium	8.85	D	1.60	3.75	5.00	ug/L
Q1984-10	OU4-TS-25-050725	Water	Cadmium	7.05	D	1.70	2.50	5.00	ug/L
Q1984-10	OU4-TS-25-050725	Water	Chromium	21.4	D	1.05	3.75	10.0	ug/L
Q1984-10	OU4-TS-25-050725	Water	Copper	78.1	D	1.50	7.50	10.0	ug/L
Q1984-10	OU4-TS-25-050725	Water	Lead	21.3	D	1.05	3.75	5.00	ug/L
Q1984-10	OU4-TS-25-050725	Water	Nickel	136	D	1.35	3.75	5.00	ug/L
Q1984-10	OU4-TS-25-050725	Water	Thallium	0.60	JD	0.30	2.50	5.00	ug/L
Q1984-10	OU4-TS-25-050725	Water	Vanadium	43.5	D	0.39	1.25	25.0	ug/L
Q1984-10	OU4-TS-25-050725	Water	Zinc	1850	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-26-050725									
Q1984-12	OU4-TS-26-050725	Water	Arsenic	17.2	D	0.45	1.25	5.00	ug/L
Q1984-12	OU4-TS-26-050725	Water	Barium	114	D	1.05	6.25	50.0	ug/L
Q1984-12	OU4-TS-26-050725	Water	Beryllium	9.80	D	1.60	3.75	5.00	ug/L
Q1984-12	OU4-TS-26-050725	Water	Cadmium	8.00	D	1.70	2.50	5.00	ug/L
Q1984-12	OU4-TS-26-050725	Water	Chromium	15.8	D	1.05	3.75	10.0	ug/L
Q1984-12	OU4-TS-26-050725	Water	Copper	79.5	D	1.50	7.50	10.0	ug/L
Q1984-12	OU4-TS-26-050725	Water	Lead	17.7	D	1.05	3.75	5.00	ug/L
Q1984-12	OU4-TS-26-050725	Water	Nickel	149	D	1.35	3.75	5.00	ug/L
Q1984-12	OU4-TS-26-050725	Water	Thallium	0.70	JD	0.30	2.50	5.00	ug/L
Q1984-12	OU4-TS-26-050725	Water	Vanadium	24.6	JD	0.39	1.25	25.0	ug/L
Q1984-12	OU4-TS-26-050725	Water	Zinc	2430	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-27-050725									
Q1984-14	OU4-TS-27-050725	Water	Arsenic	21.2	D	0.45	1.25	5.00	ug/L
Q1984-14	OU4-TS-27-050725	Water	Barium	124	D	1.05	6.25	50.0	ug/L
Q1984-14	OU4-TS-27-050725	Water	Beryllium	8.70	D	1.60	3.75	5.00	ug/L
Q1984-14	OU4-TS-27-050725	Water	Cadmium	8.20	D	1.70	2.50	5.00	ug/L
Q1984-14	OU4-TS-27-050725	Water	Chromium	14.8	D	1.05	3.75	10.0	ug/L
Q1984-14	OU4-TS-27-050725	Water	Copper	63.8	D	1.50	7.50	10.0	ug/L
Q1984-14	OU4-TS-27-050725	Water	Lead	18.2	D	1.05	3.75	5.00	ug/L
Q1984-14	OU4-TS-27-050725	Water	Nickel	147	D	1.35	3.75	5.00	ug/L
Q1984-14	OU4-TS-27-050725	Water	Thallium	0.75	JD	0.30	2.50	5.00	ug/L
Q1984-14	OU4-TS-27-050725	Water	Vanadium	27.1	D	0.39	1.25	25.0	ug/L
Q1984-14	OU4-TS-27-050725	Water	Zinc	1990	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-28-050725									

Hit Summary Sheet
SW-846

SDG No.:	Q1984	Order ID:	Q1984
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1984-16	OU4-TS-28-050725	Water	Arsenic	24.5	D	0.45	1.25	5.00	ug/L
Q1984-16	OU4-TS-28-050725	Water	Barium	114	D	1.05	6.25	50.0	ug/L
Q1984-16	OU4-TS-28-050725	Water	Beryllium	13.6	D	1.60	3.75	5.00	ug/L
Q1984-16	OU4-TS-28-050725	Water	Cadmium	9.85	D	1.70	2.50	5.00	ug/L
Q1984-16	OU4-TS-28-050725	Water	Chromium	41.9	D	1.05	3.75	10.0	ug/L
Q1984-16	OU4-TS-28-050725	Water	Copper	298	D	1.50	7.50	10.0	ug/L
Q1984-16	OU4-TS-28-050725	Water	Lead	35.6	D	1.05	3.75	5.00	ug/L
Q1984-16	OU4-TS-28-050725	Water	Nickel	234	D	1.35	3.75	5.00	ug/L
Q1984-16	OU4-TS-28-050725	Water	Thallium	0.85	JD	0.30	2.50	5.00	ug/L
Q1984-16	OU4-TS-28-050725	Water	Vanadium	69.1	D	0.39	1.25	25.0	ug/L
Q1984-16	OU4-TS-28-050725	Water	Zinc	1810	D	6.25	7.50	25.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-02	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	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-38-2	Arsenic	2.55	JDN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-39-3	Barium	93.4	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-47-3	Chromium	2.95	JD	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-50-8	Copper	15.6	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7439-97-6	Mercury	0.27	N	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:08	7470A	
7440-02-0	Nickel	81.0	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-62-2	Vanadium	270	D	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	3010A
7440-66-6	Zinc	546	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/21/25 15:40	6020B	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-04	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	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-38-2	Arsenic	1.90	JDN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-39-3	Barium	100	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-47-3	Chromium	2.40	JD	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-50-8	Copper	16.4	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:10	7470A	
7440-02-0	Nickel	75.9	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-62-2	Vanadium	184	D	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	3010A
7440-66-6	Zinc	543	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/21/25 15:43	6020B	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

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E = Indicates the reported value is estimated because of the presence of interference.

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-06	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	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-38-2	Arsenic	1.80	JDN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-39-3	Barium	99.6	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-47-3	Chromium	2.30	JD	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-50-8	Copper	17.3	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:12	7470A	
7440-02-0	Nickel	77.6	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-62-2	Vanadium	136	D	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	3010A
7440-66-6	Zinc	532	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/21/25 15:46	6020B	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-08	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	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-38-2	Arsenic	25.3	DN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-39-3	Barium	120	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-41-7	Beryllium	12.4	D	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-43-9	Cadmium	9.35	D	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-47-3	Chromium	37.3	D	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-50-8	Copper	171	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7439-92-1	Lead	31.3	D	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:15	7470A	
7440-02-0	Nickel	203	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-28-0	Thallium	0.80	JD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-62-2	Vanadium	59.8	D	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	3010A
7440-66-6	Zinc	2040	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/21/25 15:50	6020B	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

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-10	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	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-38-2	Arsenic	26.3	DN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-39-3	Barium	118	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-41-7	Beryllium	8.85	D	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-43-9	Cadmium	7.05	D	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-47-3	Chromium	21.4	D	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-50-8	Copper	78.1	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7439-92-1	Lead	21.3	D	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:17	7470A	
7440-02-0	Nickel	136	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-28-0	Thallium	0.60	JD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-62-2	Vanadium	43.5	D	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A
7440-66-6	Zinc	1850	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/21/25 15:53	6020B	3010A

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-12	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	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-38-2	Arsenic	17.2	DN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-39-3	Barium	114	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-41-7	Beryllium	9.80	D	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-43-9	Cadmium	8.00	D	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-47-3	Chromium	15.8	D	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-50-8	Copper	79.5	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7439-92-1	Lead	17.7	D	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:29	7470A	
7440-02-0	Nickel	149	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-28-0	Thallium	0.70	JD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-62-2	Vanadium	24.6	JD	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	3010A
7440-66-6	Zinc	2430	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/21/25 15:56	6020B	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-14	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	1.25	UD	5	0.55	1.25	10.0	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-38-2	Arsenic	21.2	DN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-39-3	Barium	124	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-41-7	Beryllium	8.70	D	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-43-9	Cadmium	8.20	D	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-47-3	Chromium	14.8	D	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-50-8	Copper	63.8	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7439-92-1	Lead	18.2	D	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:31	7470A	
7440-02-0	Nickel	147	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-28-0	Thallium	0.75	JD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-62-2	Vanadium	27.1	D	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A
7440-66-6	Zinc	1990	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/21/25 16:09	6020B	3010A

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-16	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	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-38-2	Arsenic	24.5	DN	5	0.45	1.25	5.00	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-39-3	Barium	114	D	5	1.05	6.25	50.0	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-41-7	Beryllium	13.6	D	5	1.60	3.75	5.00	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-43-9	Cadmium	9.85	D	5	1.70	2.50	5.00	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-47-3	Chromium	41.9	D	5	1.05	3.75	10.0	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-50-8	Copper	298	D	5	1.50	7.50	10.0	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7439-92-1	Lead	35.6	D	5	1.05	3.75	5.00	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 12:33	7470A	
7440-02-0	Nickel	234	D	5	1.35	3.75	5.00	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-28-0	Thallium	0.85	JD	5	0.30	2.50	5.00	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-62-2	Vanadium	69.1	D	5	0.39	1.25	25.0	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A
7440-66-6	Zinc	1810	D	5	6.25	7.50	25.0	ug/L	05/12/25 12:05	05/22/25 14:05	6020B	3010A

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

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LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/20/25	
Q1984-02	OU4-PCS-TC-33-0507 25	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/21/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/20/25	
Q1984-04	OU4-PCS-TC-34-0507 25	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/21/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-06	OU4-PCS-TC-35-0507 25	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/21/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	

LAB CHRONICLE

Q1984-08	OU4-TS-24-050725	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/21/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-10	OU4-TS-25-050725	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/21/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-12	OU4-TS-26-050725	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/21/25	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-14	OU4-TS-27-050725	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/21/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			Mercury	7471B		05/09/25	05/12/25	
			Metals ICP-TAL	6010D		05/09/25	05/21/25	
Q1984-16	OU4-TS-28-050725	Water			05/07/25			05/08/25
			SPLP Mercury	7470A		05/13/25	05/14/25	
			SPLP MetalGroup3	6020B		05/12/25	05/22/25	



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 09:50
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-01	Matrix:	SOIL
		% Solid:	95.1

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	0.26	mg/Kg	05/13/25 08:00	05/13/25 17:48	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.
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Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 10:00
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-34-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-03	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	0.042	0.20	0.25	mg/Kg	05/13/25 08:00	05/13/25 17:48	9012B

Comments:

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LOD = Limit of Detection
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Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 10:15
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-35-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-05	Matrix:	SOIL
		% Solid:	94.4

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	05/13/25 08:00	05/13/25 17:48	9012B

Comments:

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LOD = Limit of Detection
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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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 11:30
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-24-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-07	Matrix:	SOIL
		% Solid:	69.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.28	U	1	0.058	0.28	0.34	mg/Kg	05/13/25 08:00	05/13/25 17:55	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 11:35
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-25-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-09	Matrix:	SOIL
		% Solid:	68

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.29	U	1	0.061	0.29	0.36	mg/Kg	05/13/25 08:00	05/13/25 17:55	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 11:40
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-26-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-11	Matrix:	SOIL
		% Solid:	60.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.32	U	1	0.067	0.32	0.40	mg/Kg	05/13/25 08:00	05/13/25 17:55	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 11:45
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-13	Matrix:	SOIL
		% Solid:	62.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.31	U	1	0.065	0.31	0.38	mg/Kg	05/13/25 08:00	05/13/25 17:55	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

Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25 11:50
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-28-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-15	Matrix:	SOIL
		% Solid:	64.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.30	U	1	0.064	0.30	0.38	mg/Kg	05/13/25 08:00	05/13/25 17:41	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

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25 09:50			05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:48	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25 10:00			05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:48	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25 10:15			05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:48	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25 11:30			05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:55	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25 11:35			05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:55	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25 11:40			05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:55	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25 11:45			05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:55	

LAB CHRONICLE

Q1984-15	OU4-TS-28-050725	SOIL			05/07/25 11:50		05/08/25
			Cyanide	9012B		05/13/25	05/13/25 17:41



SHIPPING DOCUMENTS

Q1984

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1984	NOBI03	Order Date : 5/8/2025 10:48:00 AM	Project Mgr :
Client Name : Nobis Group		Project Name : Raymark Superfund Site	Report Type : Level 4
Client Contact : Adam Roy		Receive DateTime : 5/8/2025 9:50:00 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
Q1984-01	OU4-PCS-TC-33-050725	Solid	05/07/2025	09:50					
					VOCMS Group3		8260D	10 Bus. Days	
Q1984-03	OU4-PCS-TC-34-050725	Solid	05/07/2025	10:00					
					VOCMS Group3		8260D	10 Bus. Days	
Q1984-05	OU4-PCS-TC-35-050725	Solid	05/07/2025	10:15					
					VOCMS Group3		8260D	10 Bus. Days	
Q1984-07	OU4-TS-24-050725	Solid	05/07/2025	11:30					
					VOCMS Group3		8260D	10 Bus. Days	
Q1984-09	OU4-TS-25-050725	Solid	05/07/2025	11:35					
					VOCMS Group3		8260D	10 Bus. Days	
Q1984-11	OU4-TS-26-050725	Solid	05/07/2025	11:40					
					VOCMS Group3		8260D	10 Bus. Days	
Q1984-13	OU4-TS-27-050725	Solid	05/07/2025	11:45					
					VOCMS Group3		8260D	10 Bus. Days	
Q1984-15	OU4-TS-28-050725	Solid	05/07/2025	11:50					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1984	NOBI03	Order Date : 5/8/2025 10:48:00 AM	Project Mgr :
Client Name : Nobis Group		Project Name : Raymark Superfund Site	Report Type : Level 4
Client Contact : Adam Roy		Receive DateTime : 5/8/2025 9:50:00 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
Q1984-19	OU4-TB01-050725	Water	05/07/2025	08:00	VOCMS Group3		8260D		10 Bus. Days
					VOCMS Group3		8260 Low 8260D		10 Bus. Days

Relinquished By :

Date / Time :


5/8/25 1150

Received By :

Date / Time :


5/8/25 1150

Storage Area : VOA Refridgerator Room