284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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ANALYTICAL RESULTS SUMMARY

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

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : P5306

ATTENTION : Adam Roy

Laboratory Certification ID # 20012

Table Of Contents for P5306

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): 12/17/24

Laboratory Sample ID(s): P5306

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

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

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____ **Position:** OC SUPERVISOR

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

Name of Laboratory CHEMTECH

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

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Cover Page

Order ID : P5306

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
P5306-01	OU4-VSL-07-121224
P5306-02	OU4-VSL-07-121224
P5306-03	OU4-VSL-08-121224
P5306-04	OU4-VSL-08-121224
P5306-05	OU4-VSL-09-121224
P5306-06	OU4-VSL-09-121224
P5306-07	OU4-VSL-10-121224
P5306-08	OU4-VSL-10-121224
P5306-09	OU4-VSL-11-121224
P5306-10	OU4-VSL-11-121224
P5306-11	OU4-VSL-12-121224
P5306-12	OU4-VSL-12-121224
P5306-13	OU4-VSL-13-121224
P5306-14	OU4-VSL-13-121224
P5306-15	OU4-VSL-14-121224
P5306-16	OU4-VSL-14-121224
P5306-17	OU4-VSL-06R-121224
P5306-18	OU4-VSL-06R-121224

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

Signature : _____

Date: 1/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # P5306
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 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-VSL-08-121224 [Toluene-d8 - 135%], VIAL A analyzed but not purged as a corrective action VIAL B analyzed but Surrogate failing and now no more vials for confirmation therefore VIAL B reported as final analysis while,

For OU4-VSL-11-121224 [Toluene-d8 - 117%], OU4-VSL-11-121224RE [4-Bromofluorobenzene - 64%], OU4-VSL-13-121224 [Toluene-d8 - 117%], OU4-VSL-13-121224RE [1,2-Dichloroethane-d4 - 56% and 4-Bromofluorobenzene - 29%]the failure samples in surrogates were reanalyzed to confirm the failure as per method and reported. The Internal Standards Areas met the acceptable requirements except for OU4-VSL-11-121224RE, OU4-VSL-13-121224RE samples were reanalyzed and both run reported.

The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike for {VY1220SBS01} with File ID: VY020666.D met requirements for all samples except for 1,2-Dibromo-3-Chloropropane[175%], 1,3-Dichloropropane[128%] and t-1,3-Dichloropropene[162%]failing high but no positive hit in associated samples therefore no corrective action taken.

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The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82Y121724S.M) for Acetone, Chloroform this compound is passing on Linear Regression.

The Continuous Calibration File ID VY020645.D met the requirements except for trans-1,4-Dichloro-2-butene failing high but no positive hit in associated samples therefore no corrective action taken.

The Continuous Calibration File ID VY020662.D met the requirements except for almost all compounds failing low associated sample 09 and 13 reanalyzed under passing CCAL and both run reported while sam#01 reanalyzed but did not purged therefore VIAL A data reported as final analysis.

The Continuous Calibration File ID VY020664.D met the requirements except for Bromomethane failing marginally low therefore no corrective action taken.
The Tuning criteria met requirements.

E. Additional Comments:

The SDG P5306 is logged for VOCMS group3 Lab is not certified for trans-1,4-dichloro-2-butene and Tetrahydrofuran compounds for 8260D method.

As per special requirement for this project form-1 are reported in mg/kg.
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.
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.

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

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above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # P5306
Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for SVOCMS Group3.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df The 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.
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 File ID BF140942.D met the requirements except for Benzo(g,h,i)perylene,Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Tuning criteria met requirements.

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E. Additional Comments:

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

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The not QT review data is reported in the Miscellaneous.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% 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 > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

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

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

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # P5306
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for Pesticide-TCL.

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

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

E. Additional Comments:

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

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F. Manual Integration Comments:

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

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # P5306
Test Name: PCB

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for PCB.

C. Analytical Techniques:
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-VSL-07-121224MS [Decachlorobiphenyl(2) - 137%], OU4-VSL-10-121224 [Decachlorobiphenyl(2) - 126%] as per method one surrogate is allowed to failed, therefore no corrective action was taken.

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 .

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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.

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

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # P5306
Test Name: Herbicide Group1

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for Herbicide Group1.

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.

The MS {P5306-15MS} with File ID: PS028822.D recoveries met the requirements for all compounds except for Dinoseb[15%] due to matrix interference.

The MSD {P5306-15MSD} with File ID: PS028823.D recoveries met the acceptable requirements except for Dinoseb[15%]due to matrix interference.

The sample # OU4-VSL-14-121224MS and OU4-VSL-14-121224MSD is failing for Dinoseb and the original sample(OU4-VSL-14-121224) is reported with M flag for this compound.

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 .

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The Continuous Calibration met the requirements .

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
Chemtech Project # P5306
Test Name: Metals ICP-TAL,Metals Group6,Mercury

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for Metals ICP-TAL,Metals Group6,Mercury.

C. Analytical Techniques:
The analysis of Metals Group6,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 analysis met criteria for all samples.
The Matrix Spike (HR-04-121624MS) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike (OU4-VSL-06R-121224MS) analysis met criteria for all samples except for Beryllium, Chromium and Cobalt due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (HR-04-121624MSD) analysis met criteria for all samples except for Mercury due to sample Matrix interference. The Matrix Spike Duplicate (OU4-VSL-06R-121224MSD) analysis met criteria for all samples except for Beryllium and Cobalt 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:

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # P5306
Test Name: SPLP MetalGroup3,SPLP Mercury

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for SPLP MetalGroup3,SPLP Mercury.

C. Analytical Techniques:
The analysis of SPLP MetalGroup3 was based on method 6020B, digestion based on method 3050 (soils). The analysis of SPLP Mercury was based on method 7470A and digestion was based on method 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 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.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

P5306- SPLP all samples are diluted 5X dilution as straight analysis because of high and pure acid concentration of two acids which can cause drastic damage to the instrument.

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
Chemtech Project # P5306
Test Name: Cyanide

A. Number of Samples and Date of Receipt:
18 Solid samples were received on 12/17/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for Cyanide.

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

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

E. Additional Comments:

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DATA REPORTING QUALIFIERS- INORGANIC

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

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

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5306

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

QA Review Signature: SOHIL JODHANI **Date:** 01/02/2025

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P5306

Client: Nobis Group

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

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.81 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
VY020652.D	1		12/19/24 14:02	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0038	U	0.0016	0.0038	0.0047	mg/Kg
74-87-3	Chloromethane	0.0024	U	0.0011	0.0024	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0024	U	0.00073	0.0024	0.0047	mg/Kg
74-83-9	Bromomethane	0.0038	U	0.00098	0.0038	0.0047	mg/Kg
75-00-3	Chloroethane	0.0024	U	0.00096	0.0024	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0050	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0038	U	0.00086	0.0038	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.024	mg/Kg
67-64-1	Acetone	0.019	U	0.0059	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0038	U	0.0012	0.0038	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0076	U	0.0032	0.0076	0.0095	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0054	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00082	0.0024	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
67-66-3	Chloroform	0.0038	U	0.00064	0.0038	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00069	0.0024	0.0047	mg/Kg
71-43-2	Benzene	0.0024	U	0.00068	0.0024	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00071	0.0024	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00053	0.0024	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.024	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.81 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
VY020652.D	1		12/19/24 14:02	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00054	0.0024	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00084	0.0024	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0095	mg/Kg
1330-20-7	Total Xylenes	0.0071	U	0.0020	0.0071	0.014	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00066	0.0024	0.0047	mg/Kg
100-42-5	Styrene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0038	U	0.0011	0.0038	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00055	0.0024	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.81 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
VY020652.D	1		12/19/24 14:02	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.4		71 - 136		125%	SPK: 50
1868-53-7	Dibromofluoromethane	55.5		78 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	57.6		85 - 116		115%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		79 - 119		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	200000	7.713				
540-36-3	1,4-Difluorobenzene	354000	8.616				
3114-55-4	Chlorobenzene-d5	304000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.346				

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

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

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.6 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
VY020677.D	1		12/20/24 17:39	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0039	U	0.0016	0.0039	0.0049	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0011	0.0025	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00076	0.0025	0.0049	mg/Kg
74-83-9	Bromomethane	0.0039	U	0.0010	0.0039	0.0049	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.00099	0.0025	0.0049	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0052	0.012	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.00089	0.0039	0.0049	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0049	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00077	0.0025	0.0049	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0061	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0013	0.0039	0.0049	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
75-09-2	Methylene Chloride	0.0079	U	0.0034	0.0079	0.0098	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00083	0.0025	0.0049	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00062	0.0025	0.0049	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0056	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00086	0.0025	0.0049	mg/Kg
594-20-7	2,2-Dichloropropane	0.0039	U	0.0016	0.0039	0.0049	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00060	0.0025	0.0049	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00066	0.0039	0.0049	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00077	0.0025	0.0049	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00072	0.0025	0.0049	mg/Kg
71-43-2	Benzene	0.0025	U	0.00071	0.0025	0.0049	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00060	0.0025	0.0049	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00074	0.0025	0.0049	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00065	0.0025	0.0049	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00061	0.0025	0.0049	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00055	0.0025	0.0049	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0043	0.012	0.025	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.6 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
VY020677.D	1		12/20/24 17:39	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	UQ	0.00059	0.0025	0.0049	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00056	0.0025	0.0049	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00083	0.0025	0.0049	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	UQ	0.00058	0.0025	0.0049	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0047	0.012	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00064	0.0025	0.0049	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00078	0.0025	0.0049	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00088	0.0025	0.0049	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00073	0.0025	0.0049	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00063	0.0025	0.0049	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00061	0.0025	0.0049	mg/Kg
179601-23-1	m/p-Xylenes	0.0049	U	0.0013	0.0049	0.0098	mg/Kg
1330-20-7	Total Xylenes	0.0074	U	0.0020	0.0074	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00069	0.0025	0.0049	mg/Kg
100-42-5	Styrene	0.0025	U	0.00059	0.0025	0.0049	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00080	0.0025	0.0049	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	0.0025	0.0049	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0039	U	0.0012	0.0039	0.0049	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.00064	0.0025	0.0049	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00063	0.0025	0.0049	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00061	0.0025	0.0049	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00063	0.0025	0.0049	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00058	0.0025	0.0049	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.0013	0.0025	0.0049	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00057	0.0025	0.0049	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00073	0.0025	0.0049	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00079	0.0025	0.0049	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.6 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
VY020677.D	1		12/20/24 17:39	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00062	0.0025	0.0049	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00058	0.0025	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	UQ	0.0015	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00080	0.0025	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00077	0.0025	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00079	0.0025	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.9		71 - 136		120%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		78 - 119		95%	SPK: 50
2037-26-5	Toluene-d8	67.5	*	85 - 116		135%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		79 - 119		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	142000	7.707				
540-36-3	1,4-Difluorobenzene	254000	8.615				
3114-55-4	Chlorobenzene-d5	261000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	106000	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

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.1
Sample Wt/Vol:	6.04 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
VY020678.D	1		12/20/24 18:02	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	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	0.00071	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00095	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00093	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0048	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00084	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	0.00072	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	0.018	U	0.0057	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0031	0.0074	0.0092	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0052	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00051	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0040	0.012	0.023	mg/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.1
Sample Wt/Vol:	6.04 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
VY020678.D	1		12/20/24 18:02	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	UQ	0.00055	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	UQ	0.00054	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0044	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00082	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0018	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00064	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	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	0.00060	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00054	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	0.0013	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00053	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.1
Sample Wt/Vol:	6.04 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
VY020678.D	1		12/20/24 18:02	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	UQ	0.0014	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	63.0		71 - 136		126%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	55.4		85 - 116		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168000	7.707				
540-36-3	1,4-Difluorobenzene	308000	8.616				
3114-55-4	Chlorobenzene-d5	271000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	109000	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95
Sample Wt/Vol:	5.3 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
VY020680.D	1		12/20/24 18:49	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00076	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0052	0.012	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00090	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	0.00077	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0050	0.012	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0079	U	0.0034	0.0079	0.0099	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00083	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0056	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00071	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0043	0.012	0.025	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95
Sample Wt/Vol:	5.3 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
VY020680.D	1		12/20/24 18:49	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	UQ	0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00083	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	UQ	0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0048	0.012	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00088	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0013	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	0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	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	0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00059	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	0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95
Sample Wt/Vol:	5.3 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
VY020680.D	1		12/20/24 18:49	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	UQ	0.0015	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.6		71 - 136		123%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	55.6		85 - 116		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	164000	7.707				
540-36-3	1,4-Difluorobenzene	303000	8.616				
3114-55-4	Chlorobenzene-d5	266000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	109000	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

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	3.92 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
VY020656.D	1		12/19/24 15:36	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0055	U	0.0022	0.0055	0.0068	mg/Kg
74-87-3	Chloromethane	0.0034	U	0.0016	0.0034	0.0068	mg/Kg
75-01-4	Vinyl Chloride	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
74-83-9	Bromomethane	0.0055	U	0.0014	0.0055	0.0068	mg/Kg
75-00-3	Chloroethane	0.0034	U	0.0014	0.0034	0.0068	mg/Kg
109-99-9	Tetrahydrofuran	0.017	U	0.0071	0.017	0.034	mg/Kg
75-69-4	Trichlorofluoromethane	0.0055	U	0.0012	0.0055	0.0068	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0034	U	0.0015	0.0034	0.0068	mg/Kg
75-35-4	1,1-Dichloroethene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
107-13-1	Acrylonitrile	0.017	U	0.0068	0.017	0.034	mg/Kg
67-64-1	Acetone	0.027	U	0.0085	0.027	0.034	mg/Kg
75-15-0	Carbon Disulfide	0.0055	U	0.0017	0.0055	0.0068	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0046	0.011	0.014	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
75-34-3	1,1-Dichloroethane	0.0034	U	0.00086	0.0034	0.0068	mg/Kg
78-93-3	2-Butanone	0.027	U	0.0077	0.027	0.034	mg/Kg
56-23-5	Carbon Tetrachloride	0.0034	U	0.0012	0.0034	0.0068	mg/Kg
594-20-7	2,2-Dichloropropane	0.0055	U	0.0022	0.0055	0.0068	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0034	U	0.00083	0.0034	0.0068	mg/Kg
67-66-3	Chloroform	0.0055	U	0.00091	0.0055	0.0068	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
563-58-6	1,1-Dichloropropene	0.0034	U	0.00099	0.0034	0.0068	mg/Kg
71-43-2	Benzene	0.0034	U	0.00098	0.0034	0.0068	mg/Kg
107-06-2	1,2-Dichloroethane	0.0034	U	0.00083	0.0034	0.0068	mg/Kg
79-01-6	Trichloroethene	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
78-87-5	1,2-Dichloropropane	0.0034	U	0.00090	0.0034	0.0068	mg/Kg
74-95-3	Dibromomethane	0.0034	U	0.00084	0.0034	0.0068	mg/Kg
75-27-4	Bromodichloromethane	0.0034	U	0.00076	0.0034	0.0068	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0059	0.017	0.034	mg/Kg

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	3.92 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
VY020656.D	1		12/19/24 15:36	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0034	U	0.00082	0.0034	0.0068	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0034	U	0.00078	0.0034	0.0068	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
142-28-9	1,3-Dichloropropane	0.0034	U	0.00080	0.0034	0.0068	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0065	0.017	0.034	mg/Kg
124-48-1	Dibromochloromethane	0.0034	U	0.00089	0.0034	0.0068	mg/Kg
106-93-4	1,2-Dibromoethane	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
127-18-4	Tetrachloroethene	0.0034	U	0.0012	0.0034	0.0068	mg/Kg
108-90-7	Chlorobenzene	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0034	U	0.00087	0.0034	0.0068	mg/Kg
100-41-4	Ethyl Benzene	0.0034	U	0.00084	0.0034	0.0068	mg/Kg
1330-20-7	Total Xylenes	0.010	U	0.0028	0.010	0.020	mg/Kg
179601-23-1	m/p-Xylenes	0.0068	U	0.0018	0.0068	0.014	mg/Kg
95-47-6	o-Xylene	0.0034	U	0.00095	0.0034	0.0068	mg/Kg
100-42-5	Styrene	0.0034	U	0.00082	0.0034	0.0068	mg/Kg
75-25-2	Bromoform	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
98-82-8	Isopropylbenzene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0034	U	0.0015	0.0034	0.0068	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0055	U	0.0016	0.0055	0.0068	mg/Kg
108-86-1	Bromobenzene	0.0034	U	0.00089	0.0034	0.0068	mg/Kg
103-65-1	n-propylbenzene	0.0034	U	0.00087	0.0034	0.0068	mg/Kg
95-49-8	2-Chlorotoluene	0.0034	U	0.00084	0.0034	0.0068	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0034	U	0.00087	0.0034	0.0068	mg/Kg
106-43-4	4-Chlorotoluene	0.0034	U	0.00080	0.0034	0.0068	mg/Kg
98-06-6	tert-Butylbenzene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0034	U	0.0019	0.0034	0.0068	mg/Kg
135-98-8	sec-Butylbenzene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
99-87-6	p-Isopropyltoluene	0.0034	U	0.00079	0.0034	0.0068	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	3.92 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
VY020656.D	1		12/19/24 15:36	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0034	U	0.00086	0.0034	0.0068	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0034	U	0.00080	0.0034	0.0068	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0055	U	0.0021	0.0055	0.0068	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
87-68-3	Hexachlorobutadiene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.0		71 - 136		124%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	58.7	*	85 - 116		117%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		79 - 119		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	184000	7.707				
540-36-3	1,4-Difluorobenzene	323000	8.616				
3114-55-4	Chlorobenzene-d5	277000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	112000	13.346				

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	5.23 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
VY020681.D	1		12/20/24 19:13	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0041	U	0.0017	0.0041	0.0051	mg/Kg
74-87-3	Chloromethane	0.0026	U	0.0012	0.0026	0.0051	mg/Kg
75-01-4	Vinyl Chloride	0.0026	U	0.00079	0.0026	0.0051	mg/Kg
74-83-9	Bromomethane	0.0041	U	0.0011	0.0041	0.0051	mg/Kg
75-00-3	Chloroethane	0.0026	U	0.0010	0.0026	0.0051	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0054	0.013	0.026	mg/Kg
75-69-4	Trichlorofluoromethane	0.0041	U	0.00093	0.0041	0.0051	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0026	U	0.0011	0.0026	0.0051	mg/Kg
75-35-4	1,1-Dichloroethene	0.0026	U	0.00080	0.0026	0.0051	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0051	0.013	0.026	mg/Kg
67-64-1	Acetone	0.020	U	0.0064	0.020	0.026	mg/Kg
75-15-0	Carbon Disulfide	0.0041	U	0.0013	0.0041	0.0051	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
75-09-2	Methylene Chloride	0.0082	U	0.0035	0.0082	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0026	U	0.00086	0.0026	0.0051	mg/Kg
75-34-3	1,1-Dichloroethane	0.0026	U	0.00064	0.0026	0.0051	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0058	0.020	0.026	mg/Kg
56-23-5	Carbon Tetrachloride	0.0026	U	0.00089	0.0026	0.0051	mg/Kg
594-20-7	2,2-Dichloropropane	0.0041	U	0.0016	0.0041	0.0051	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0026	U	0.00062	0.0026	0.0051	mg/Kg
67-66-3	Chloroform	0.0041	U	0.00068	0.0041	0.0051	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0026	U	0.00080	0.0026	0.0051	mg/Kg
563-58-6	1,1-Dichloropropene	0.0026	U	0.00075	0.0026	0.0051	mg/Kg
71-43-2	Benzene	0.0026	U	0.00074	0.0026	0.0051	mg/Kg
107-06-2	1,2-Dichloroethane	0.0026	U	0.00062	0.0026	0.0051	mg/Kg
79-01-6	Trichloroethene	0.0026	U	0.00077	0.0026	0.0051	mg/Kg
78-87-5	1,2-Dichloropropane	0.0026	U	0.00067	0.0026	0.0051	mg/Kg
74-95-3	Dibromomethane	0.0026	U	0.00063	0.0026	0.0051	mg/Kg
75-27-4	Bromodichloromethane	0.0026	U	0.00057	0.0026	0.0051	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.026	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	5.23 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
VY020681.D	1		12/20/24 19:13	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0026	UQ	0.00061	0.0026	0.0051	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0026	U	0.00058	0.0026	0.0051	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0026	U	0.00086	0.0026	0.0051	mg/Kg
142-28-9	1,3-Dichloropropane	0.0026	UQ	0.00060	0.0026	0.0051	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0049	0.013	0.026	mg/Kg
124-48-1	Dibromochloromethane	0.0026	U	0.00066	0.0026	0.0051	mg/Kg
106-93-4	1,2-Dibromoethane	0.0026	U	0.00081	0.0026	0.0051	mg/Kg
127-18-4	Tetrachloroethene	0.0026	U	0.00091	0.0026	0.0051	mg/Kg
108-90-7	Chlorobenzene	0.0026	U	0.00076	0.0026	0.0051	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0026	U	0.00065	0.0026	0.0051	mg/Kg
100-41-4	Ethyl Benzene	0.0026	U	0.00063	0.0026	0.0051	mg/Kg
179601-23-1	m/p-Xylenes	0.0051	U	0.0014	0.0051	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0077	U	0.0021	0.0077	0.015	mg/Kg
95-47-6	o-Xylene	0.0026	U	0.00071	0.0026	0.0051	mg/Kg
100-42-5	Styrene	0.0026	U	0.00061	0.0026	0.0051	mg/Kg
75-25-2	Bromoform	0.0026	U	0.00083	0.0026	0.0051	mg/Kg
98-82-8	Isopropylbenzene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0026	U	0.0011	0.0026	0.0051	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0041	U	0.0012	0.0041	0.0051	mg/Kg
108-86-1	Bromobenzene	0.0026	U	0.00066	0.0026	0.0051	mg/Kg
103-65-1	n-propylbenzene	0.0026	U	0.00065	0.0026	0.0051	mg/Kg
95-49-8	2-Chlorotoluene	0.0026	U	0.00063	0.0026	0.0051	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0026	U	0.00065	0.0026	0.0051	mg/Kg
106-43-4	4-Chlorotoluene	0.0026	U	0.00060	0.0026	0.0051	mg/Kg
98-06-6	tert-Butylbenzene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0026	U	0.0014	0.0026	0.0051	mg/Kg
135-98-8	sec-Butylbenzene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
99-87-6	p-Isopropyltoluene	0.0026	U	0.00059	0.0026	0.0051	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0026	U	0.00076	0.0026	0.0051	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0026	U	0.00082	0.0026	0.0051	mg/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	5.23 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
VY020681.D	1		12/20/24 19:13	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0026	U	0.00064	0.0026	0.0051	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0026	U	0.00060	0.0026	0.0051	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0041	UQ	0.0016	0.0041	0.0051	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0026	U	0.00081	0.0026	0.0051	mg/Kg
87-68-3	Hexachlorobutadiene	0.0026	U	0.00083	0.0026	0.0051	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0026	U	0.00080	0.0026	0.0051	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0026	U	0.00082	0.0026	0.0051	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.4		71 - 136		105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	52.5		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	31.9	*	79 - 119		64%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	29000	7.707				
540-36-3	1,4-Difluorobenzene	44300	8.615				
3114-55-4	Chlorobenzene-d5	33600	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	10200	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.95 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
VY020700.D	1		12/23/24 18:38	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	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	0.00071	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00095	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00093	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0048	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00084	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00099	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00072	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	0.019	U	0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0032	0.0074	0.0093	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0053	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0040	0.012	0.023	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.95 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
VY020700.D	1		12/23/24 18:38	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00053	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0044	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00082	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0012	0.0046	0.0093	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	0.00065	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	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	0.00060	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00055	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	0.0013	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.95 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
VY020700.D	1		12/23/24 18:38	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0014	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	66.1		71 - 136		132%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	58.1		85 - 116		116%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	94700	7.719				
540-36-3	1,4-Difluorobenzene	150000	8.622				
3114-55-4	Chlorobenzene-d5	129000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	55300	13.353				

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

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	5.54 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
VY020658.D	1		12/19/24 16:23	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0053	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00091	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	0.00078	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	0.0063	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0080	U	0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.025	mg/Kg

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	5.54 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
VY020658.D	1		12/19/24 16:23	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00089	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0014	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0021	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	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	0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00059	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	0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	5.54 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
VY020658.D	1		12/19/24 16:23	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.2		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	58.3	*	85 - 116		117%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		79 - 119		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	181000	7.713				
540-36-3	1,4-Difluorobenzene	321000	8.616				
3114-55-4	Chlorobenzene-d5	275000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	108000	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.08 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
VY020679.D	1		12/20/24 18:26	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	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	0.00070	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00094	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00092	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0048	0.011	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00083	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	0.00071	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0046	0.011	0.023	mg/Kg
67-64-1	Acetone	0.018	U	0.0057	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0073	U	0.0031	0.0073	0.0091	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0052	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00079	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00061	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00051	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0040	0.011	0.023	mg/Kg

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.08 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
VY020679.D	1		12/20/24 18:26	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	UQ	0.00055	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	UQ	0.00054	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0044	0.011	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0012	0.0046	0.0091	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0018	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00064	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	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	0.00059	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	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	0.00053	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.08 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
VY020679.D	1		12/20/24 18:26	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	UQ	0.0014	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	28.1	*	71 - 136		56%	SPK: 50
1868-53-7	Dibromofluoromethane	44.6		78 - 119		89%	SPK: 50
2037-26-5	Toluene-d8	45.0		85 - 116		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	14.7	*	79 - 119		29%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	13300	7.707				
540-36-3	1,4-Difluorobenzene	17500	8.615				
3114-55-4	Chlorobenzene-d5	9410	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	1300	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

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.9
Sample Wt/Vol:	4.9 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
VY020701.D	1		12/23/24 19:01	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0043	U	0.0018	0.0043	0.0053	mg/Kg
74-87-3	Chloromethane	0.0027	U	0.0012	0.0027	0.0053	mg/Kg
75-01-4	Vinyl Chloride	0.0027	U	0.00082	0.0027	0.0053	mg/Kg
74-83-9	Bromomethane	0.0043	U	0.0011	0.0043	0.0053	mg/Kg
75-00-3	Chloroethane	0.0027	U	0.0011	0.0027	0.0053	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0056	0.013	0.027	mg/Kg
75-69-4	Trichlorofluoromethane	0.0043	U	0.00097	0.0043	0.0053	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0027	U	0.0011	0.0027	0.0053	mg/Kg
75-35-4	1,1-Dichloroethene	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0053	0.013	0.027	mg/Kg
67-64-1	Acetone	0.021	U	0.0066	0.021	0.027	mg/Kg
75-15-0	Carbon Disulfide	0.0043	U	0.0014	0.0043	0.0053	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
75-09-2	Methylene Chloride	0.0085	U	0.0036	0.0085	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0027	U	0.00089	0.0027	0.0053	mg/Kg
75-34-3	1,1-Dichloroethane	0.0027	U	0.00067	0.0027	0.0053	mg/Kg
78-93-3	2-Butanone	0.021	U	0.0060	0.021	0.027	mg/Kg
56-23-5	Carbon Tetrachloride	0.0027	U	0.00093	0.0027	0.0053	mg/Kg
594-20-7	2,2-Dichloropropane	0.0043	U	0.0017	0.0043	0.0053	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0027	U	0.00065	0.0027	0.0053	mg/Kg
67-66-3	Chloroform	0.0043	U	0.00071	0.0043	0.0053	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
563-58-6	1,1-Dichloropropene	0.0027	U	0.00078	0.0027	0.0053	mg/Kg
71-43-2	Benzene	0.0027	U	0.00077	0.0027	0.0053	mg/Kg
107-06-2	1,2-Dichloroethane	0.0027	U	0.00065	0.0027	0.0053	mg/Kg
79-01-6	Trichloroethene	0.0027	U	0.00080	0.0027	0.0053	mg/Kg
78-87-5	1,2-Dichloropropane	0.0027	U	0.00070	0.0027	0.0053	mg/Kg
74-95-3	Dibromomethane	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
75-27-4	Bromodichloromethane	0.0027	U	0.00060	0.0027	0.0053	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0046	0.013	0.027	mg/Kg

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.9
Sample Wt/Vol:	4.9 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
VY020701.D	1		12/23/24 19:01	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0027	U	0.00064	0.0027	0.0053	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0027	U	0.00061	0.0027	0.0053	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0027	U	0.00089	0.0027	0.0053	mg/Kg
142-28-9	1,3-Dichloropropane	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0051	0.013	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.0027	U	0.00069	0.0027	0.0053	mg/Kg
106-93-4	1,2-Dibromoethane	0.0027	U	0.00084	0.0027	0.0053	mg/Kg
127-18-4	Tetrachloroethene	0.0027	U	0.00095	0.0027	0.0053	mg/Kg
108-90-7	Chlorobenzene	0.0027	U	0.00079	0.0027	0.0053	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
100-41-4	Ethyl Benzene	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
179601-23-1	m/p-Xylenes	0.0053	U	0.0014	0.0053	0.011	mg/Kg
1330-20-7	Total Xylenes	0.0080	U	0.0021	0.0080	0.016	mg/Kg
95-47-6	o-Xylene	0.0027	U	0.00074	0.0027	0.0053	mg/Kg
100-42-5	Styrene	0.0027	U	0.00064	0.0027	0.0053	mg/Kg
75-25-2	Bromoform	0.0027	U	0.00086	0.0027	0.0053	mg/Kg
98-82-8	Isopropylbenzene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0027	U	0.0012	0.0027	0.0053	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0043	U	0.0012	0.0043	0.0053	mg/Kg
108-86-1	Bromobenzene	0.0027	U	0.00069	0.0027	0.0053	mg/Kg
103-65-1	n-propylbenzene	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
95-49-8	2-Chlorotoluene	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
106-43-4	4-Chlorotoluene	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
98-06-6	tert-Butylbenzene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0027	U	0.0015	0.0027	0.0053	mg/Kg
135-98-8	sec-Butylbenzene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
99-87-6	p-Isopropyltoluene	0.0027	U	0.00062	0.0027	0.0053	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0027	U	0.00079	0.0027	0.0053	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0027	U	0.00085	0.0027	0.0053	mg/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.9
Sample Wt/Vol:	4.9 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
VY020701.D	1		12/23/24 19:01	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0027	U	0.00067	0.0027	0.0053	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0043	U	0.0017	0.0043	0.0053	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0027	U	0.00084	0.0027	0.0053	mg/Kg
87-68-3	Hexachlorobutadiene	0.0027	U	0.00086	0.0027	0.0053	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0027	U	0.00085	0.0027	0.0053	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	64.5		71 - 136		129%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	57.4		85 - 116		115%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		79 - 119		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	94800	7.719				
540-36-3	1,4-Difluorobenzene	153000	8.622				
3114-55-4	Chlorobenzene-d5	128000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	54200	13.353				

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

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

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LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/19/24	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/20/24	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/20/24	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/20/24	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/19/24	
P5306-09RE	**OU4-VSL-11-121224RE**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/20/24	
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/23/24	
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/19/24	
P5306-13RE	**OU4-VSL-13-121224RE**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/20/24	
P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24**			**12/17/24**
			VOCMS Group3	8260D			12/23/24	

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Hit Summary Sheet
SW-846

SDG No.: P5306

Client: Nobis Group

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

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140952.D	1	12/18/24 08:56	12/20/24 15:55	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.095	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.089	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.094	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.092	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.093	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.091	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.087	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.086	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.088	0.14	0.19	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	64.0		37 - 122		64%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.6		44 - 115		63%	SPK: 100
1718-51-0	Terphenyl-d14	55.8		54 - 127		56%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48100	6.845				
1146-65-2	Naphthalene-d8	183000	8.128				
15067-26-2	Acenaphthene-d10	108000	9.881				
1517-22-2	Phenanthrene-d10	206000	11.375				
1719-03-5	Chrysene-d12	166000	14.027				
1520-96-3	Perylene-d12	128000	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140952.D	1	12/18/24 08:56	12/20/24 15:55	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BF140953.D	1	12/18/24 08:56	12/20/24 16:21	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.095	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.089	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.094	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.092	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.093	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.091	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.088	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.086	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.088	0.14	0.19	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	106		37 - 122		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.8		44 - 115		97%	SPK: 100
1718-51-0	Terphenyl-d14	105		54 - 127		105%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51300	6.845				
1146-65-2	Naphthalene-d8	205000	8.128				
15067-26-2	Acenaphthene-d10	122000	9.88				
1517-22-2	Phenanthrene-d10	232000	11.374				
1719-03-5	Chrysene-d12	149000	14.027				
1520-96-3	Perylene-d12	129000	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BF140953.D	1	12/18/24 08:56	12/20/24 16:21	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140954.D	1	12/18/24 08:56	12/20/24 16:48	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.096	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.090	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.095	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.093	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.094	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.092	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.088	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.092	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.087	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.089	0.14	0.19	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	111		37 - 122		111%	SPK: 100
321-60-8	2-Fluorobiphenyl	107		44 - 115		107%	SPK: 100
1718-51-0	Terphenyl-d14	91.5		54 - 127		91%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47900	6.845				
1146-65-2	Naphthalene-d8	188000	8.128				
15067-26-2	Acenaphthene-d10	108000	9.88				
1517-22-2	Phenanthrene-d10	210000	11.374				
1719-03-5	Chrysene-d12	160000	14.027				
1520-96-3	Perylene-d12	119000	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140954.D	1	12/18/24 08:56	12/20/24 16:48	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
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
BF140955.D	1	12/18/24 08:56	12/20/24 17:14	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.087	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.087	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.091	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.085	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.090	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.088	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.089	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.086	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.087	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.085	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.084	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.085	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.087	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.098	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.082	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.085	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.084	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	105		37 - 122		105%	SPK: 100
321-60-8	2-Fluorobiphenyl	107		44 - 115		107%	SPK: 100
1718-51-0	Terphenyl-d14	102		54 - 127		102%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49600	6.846				
1146-65-2	Naphthalene-d8	194000	8.128				
15067-26-2	Acenaphthene-d10	109000	9.881				
1517-22-2	Phenanthrene-d10	209000	11.375				
1719-03-5	Chrysene-d12	160000	14.027				
1520-96-3	Perylene-d12	129000	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
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
BF140955.D	1	12/18/24 08:56	12/20/24 17:14	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.6
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
BF140947.D	1	12/18/24 08:56	12/20/24 13:44	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.088	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.088	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.092	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.087	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.091	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.090	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.090	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.087	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.089	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.086	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.085	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.087	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.099	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.083	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.087	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.085	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	73.5		37 - 122		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		44 - 115		73%	SPK: 100
1718-51-0	Terphenyl-d14	60.7		54 - 127		61%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58000	6.846				
1146-65-2	Naphthalene-d8	220000	8.128				
15067-26-2	Acenaphthene-d10	122000	9.886				
1517-22-2	Phenanthrene-d10	255000	11.375				
1719-03-5	Chrysene-d12	180000	14.027				
1520-96-3	Perylene-d12	134000	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.6
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
BF140947.D	1	12/18/24 08:56	12/20/24 13:44	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	ALACHLOR	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BF140946.D	1	12/18/24 08:56	12/20/24 13:18	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.095	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.089	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.094	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.092	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.093	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.091	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.087	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.086	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.088	0.14	0.19	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	103		37 - 122		103%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.0		44 - 115		95%	SPK: 100
1718-51-0	Terphenyl-d14	89.1		54 - 127		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54400	6.845				
1146-65-2	Naphthalene-d8	210000	8.128				
15067-26-2	Acenaphthene-d10	120000	9.886				
1517-22-2	Phenanthrene-d10	211000	11.375				
1719-03-5	Chrysene-d12	164000	14.027				
1520-96-3	Perylene-d12	119000	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BF140946.D	1	12/18/24 08:56	12/20/24 13:18	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	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
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J = Estimated Value
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
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
BF140950.D	1	12/18/24 08:56	12/20/24 15:02	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.096	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.090	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.095	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.093	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.094	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.092	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.088	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.092	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.087	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.089	0.14	0.19	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	101		37 - 122		101%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.7		44 - 115		92%	SPK: 100
1718-51-0	Terphenyl-d14	89.0		54 - 127		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53900	6.845				
1146-65-2	Naphthalene-d8	215000	8.128				
15067-26-2	Acenaphthene-d10	123000	9.886				
1517-22-2	Phenanthrene-d10	223000	11.374				
1719-03-5	Chrysene-d12	168000	14.033				
1520-96-3	Perylene-d12	139000	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
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
BF140950.D	1	12/18/24 08:56	12/20/24 15:02	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.9
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
BF140951.D	1	12/18/24 08:56	12/20/24 15:29	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.086	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.086	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.090	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.085	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.089	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.088	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.085	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.087	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.084	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.083	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.085	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.086	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.097	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.081	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.085	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.084	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	109		37 - 122		109%	SPK: 100
321-60-8	2-Fluorobiphenyl	109		44 - 115		109%	SPK: 100
1718-51-0	Terphenyl-d14	108		54 - 127		108%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50500	6.845				
1146-65-2	Naphthalene-d8	205000	8.128				
15067-26-2	Acenaphthene-d10	120000	9.88				
1517-22-2	Phenanthrene-d10	234000	11.374				
1719-03-5	Chrysene-d12	182000	14.039				
1520-96-3	Perylene-d12	129000	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.9
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
BF140951.D	1	12/18/24 08:56	12/20/24 15:29	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	ALACHLOR	N.D					
82-68-8	Quintozine	N.D					

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
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LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	
P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24**			**12/17/24**
			SVOCMS Group3	8270E		12/18/24	12/20/24	

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Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

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

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 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
PL093421.D	1	12/18/24 08:10	12/18/24 16:58	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00091	U	0.00020	0.00091	0.0019	mg/Kg
319-85-7	beta-BHC	0.00091	U	0.00054	0.00091	0.0019	mg/Kg
319-86-8	delta-BHC	0.00091	U	0.00052	0.00091	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
76-44-8	Heptachlor	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
309-00-2	Aldrin	0.00091	U	0.00015	0.00091	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00091	U	0.00025	0.00091	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
60-57-1	Dieldrin	0.00091	U	0.00017	0.00091	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00091	U	0.00014	0.00091	0.0019	mg/Kg
72-20-8	Endrin	0.00091	U	0.00018	0.00091	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00091	U	0.00033	0.00091	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00091	U	0.00014	0.00091	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00091	U	0.00042	0.00091	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00091	U	0.00024	0.00091	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00091	U	0.00043	0.00091	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0057	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.4		55 - 130		112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		42 - 129		110%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 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
PL093421.D	1	12/18/24 08:10	12/18/24 16:58	PB165704

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

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093424.D	1	12/18/24 08:10	12/18/24 17:38	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00091	U	0.00020	0.00091	0.0019	mg/Kg
319-85-7	beta-BHC	0.00091	U	0.00054	0.00091	0.0019	mg/Kg
319-86-8	delta-BHC	0.00091	U	0.00052	0.00091	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
76-44-8	Heptachlor	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
309-00-2	Aldrin	0.00091	U	0.00015	0.00091	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00091	U	0.00025	0.00091	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
60-57-1	Dieldrin	0.00091	U	0.00017	0.00091	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00091	U	0.00014	0.00091	0.0019	mg/Kg
72-20-8	Endrin	0.00091	U	0.00018	0.00091	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00091	U	0.00033	0.00091	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00091	U	0.00014	0.00091	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00091	U	0.00042	0.00091	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00091	U	0.00024	0.00091	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00091	U	0.00043	0.00091	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0057	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.3		55 - 130		112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.5		42 - 129		113%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093424.D	1	12/18/24 08:10	12/18/24 17:38	PB165704

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

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.1 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
PL093425.D	1	12/18/24 08:10	12/18/24 17:51	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00092	U	0.00020	0.00092	0.0019	mg/Kg
319-85-7	beta-BHC	0.00092	U	0.00054	0.00092	0.0019	mg/Kg
319-86-8	delta-BHC	0.00092	U	0.00052	0.00092	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00092	U	0.00021	0.00092	0.0019	mg/Kg
76-44-8	Heptachlor	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
309-00-2	Aldrin	0.00092	U	0.00016	0.00092	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00092	U	0.00025	0.00092	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
60-57-1	Dieldrin	0.00092	U	0.00017	0.00092	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00092	U	0.00014	0.00092	0.0019	mg/Kg
72-20-8	Endrin	0.00092	U	0.00018	0.00092	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00092	U	0.00033	0.00092	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00092	U	0.00021	0.00092	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00092	U	0.00014	0.00092	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00092	U	0.00042	0.00092	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00092	U	0.00024	0.00092	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00092	U	0.00043	0.00092	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00092	U	0.00021	0.00092	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0058	0.019	0.037	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.5		55 - 130		117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		42 - 129		108%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.1 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
PL093425.D	1	12/18/24 08:10	12/18/24 17:51	PB165704

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

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95 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
PL093436.D	1	12/18/24 08:10	12/19/24 15:47	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00087	U	0.00019	0.00087	0.0018	mg/Kg
319-85-7	beta-BHC	0.00087	U	0.00051	0.00087	0.0018	mg/Kg
319-86-8	delta-BHC	0.00087	U	0.00049	0.00087	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
76-44-8	Heptachlor	0.00087	U	0.00018	0.00087	0.0018	mg/Kg
309-00-2	Aldrin	0.00087	U	0.00015	0.00087	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00087	U	0.00024	0.00087	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00087	U	0.00018	0.00087	0.0018	mg/Kg
60-57-1	Dieldrin	0.00087	U	0.00016	0.00087	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00087	U	0.00014	0.00087	0.0018	mg/Kg
72-20-8	Endrin	0.00087	U	0.00017	0.00087	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00087	U	0.00032	0.00087	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00087	U	0.00014	0.00087	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00087	U	0.00018	0.00087	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00087	U	0.00040	0.00087	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00087	U	0.00023	0.00087	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00087	U	0.00041	0.00087	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00087	U	0.00018	0.00087	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0055	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	25.5		55 - 130		128%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		42 - 129		109%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95 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
PL093436.D	1	12/18/24 08:10	12/19/24 15:47	PB165704

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

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.6 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
PL093437.D	1	12/18/24 08:10	12/19/24 16:00	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00089	U	0.00019	0.00089	0.0018	mg/Kg
319-85-7	beta-BHC	0.00089	U	0.00052	0.00089	0.0018	mg/Kg
319-86-8	delta-BHC	0.00089	U	0.00050	0.00089	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00089	U	0.00020	0.00089	0.0018	mg/Kg
76-44-8	Heptachlor	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
309-00-2	Aldrin	0.00089	U	0.00015	0.00089	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00089	U	0.00025	0.00089	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
60-57-1	Dieldrin	0.00089	U	0.00016	0.00089	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00089	U	0.00014	0.00089	0.0018	mg/Kg
72-20-8	Endrin	0.00089	U	0.00017	0.00089	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00089	U	0.00032	0.00089	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00089	U	0.00020	0.00089	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00089	U	0.00014	0.00089	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00089	U	0.00041	0.00089	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00089	U	0.00023	0.00089	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00089	U	0.00042	0.00089	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00089	U	0.00020	0.00089	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.9		55 - 130		110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		42 - 129		106%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.6 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
PL093437.D	1	12/18/24 08:10	12/19/24 16:00	PB165704

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

Comments:

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

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

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093438.D	1	12/18/24 08:10	12/19/24 16:14	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00091	U	0.00020	0.00091	0.0019	mg/Kg
319-85-7	beta-BHC	0.00091	U	0.00054	0.00091	0.0019	mg/Kg
319-86-8	delta-BHC	0.00091	U	0.00052	0.00091	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
76-44-8	Heptachlor	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
309-00-2	Aldrin	0.00091	U	0.00015	0.00091	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00091	U	0.00025	0.00091	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
60-57-1	Dieldrin	0.00091	U	0.00016	0.00091	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00091	U	0.00014	0.00091	0.0019	mg/Kg
72-20-8	Endrin	0.00091	U	0.00018	0.00091	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00091	U	0.00033	0.00091	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00091	U	0.00014	0.00091	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00091	U	0.00042	0.00091	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00091	U	0.00024	0.00091	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00091	U	0.00043	0.00091	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00091	U	0.00019	0.00091	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0057	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.8		55 - 130		109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		42 - 129		108%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093438.D	1	12/18/24 08:10	12/19/24 16:14	PB165704

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

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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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
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90 Decanted:
Sample Wt/Vol:	30.07 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
PL093439.D	1	12/18/24 08:10	12/19/24 16:27	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00092	U	0.00020	0.00092	0.0019	mg/Kg
319-85-7	beta-BHC	0.00092	U	0.00054	0.00092	0.0019	mg/Kg
319-86-8	delta-BHC	0.00092	U	0.00052	0.00092	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00092	U	0.00021	0.00092	0.0019	mg/Kg
76-44-8	Heptachlor	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
309-00-2	Aldrin	0.00092	U	0.00016	0.00092	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00092	U	0.00026	0.00092	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
60-57-1	Dieldrin	0.00092	U	0.00017	0.00092	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00092	U	0.00014	0.00092	0.0019	mg/Kg
72-20-8	Endrin	0.00092	U	0.00018	0.00092	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00092	U	0.00033	0.00092	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00092	U	0.00021	0.00092	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00092	U	0.00014	0.00092	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00092	U	0.00042	0.00092	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00092	U	0.00024	0.00092	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00092	U	0.00043	0.00092	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00092	U	0.00019	0.00092	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00092	U	0.00021	0.00092	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0058	0.019	0.037	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.1		55 - 130		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		42 - 129		106%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90 Decanted:
Sample Wt/Vol:	30.07 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
PL093439.D	1	12/18/24 08:10	12/19/24 16:27	PB165704

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

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95.9 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
PL093440.D	1	12/18/24 08:10	12/19/24 16:40	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00086	U	0.00019	0.00086	0.0018	mg/Kg
319-85-7	beta-BHC	0.00086	U	0.00051	0.00086	0.0018	mg/Kg
319-86-8	delta-BHC	0.00086	U	0.00049	0.00086	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00086	U	0.00020	0.00086	0.0018	mg/Kg
76-44-8	Heptachlor	0.00086	U	0.00018	0.00086	0.0018	mg/Kg
309-00-2	Aldrin	0.00086	U	0.00015	0.00086	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00086	U	0.00024	0.00086	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00086	U	0.00018	0.00086	0.0018	mg/Kg
60-57-1	Dieldrin	0.00086	U	0.00016	0.00086	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00086	U	0.00014	0.00086	0.0018	mg/Kg
72-20-8	Endrin	0.00086	U	0.00017	0.00086	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00086	U	0.00031	0.00086	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00086	U	0.00020	0.00086	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00086	U	0.00014	0.00086	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00086	U	0.00018	0.00086	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00086	U	0.00040	0.00086	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00086	U	0.00023	0.00086	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00086	U	0.00041	0.00086	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00086	U	0.00018	0.00086	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00086	U	0.00020	0.00086	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0054	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.0		55 - 130		105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		42 - 129		101%	SPK: 20

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95.9 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
PL093440.D	1	12/18/24 08:10	12/19/24 16:40	PB165704

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

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	

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Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

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

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8 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
PO108631.D	1	12/18/24 08:10	12/18/24 18:08	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	3.70	9.10	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	7.10	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	14.3	U	3.70	14.3	18.7	ug/kg
53469-21-9	Aroclor-1242	9.10	U	3.70	9.10	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	8.70	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	14.3	U	3.00	14.3	18.7	ug/kg
37324-23-5	Aroclor-1262	9.10	U	5.00	9.10	18.7	ug/kg
11100-14-4	Aroclor-1268	14.3	U	3.80	14.3	18.7	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.20	9.10	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.1		44 - 130		116%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		60 - 125		112%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108634.D	1	12/18/24 08:10	12/18/24 19:03	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	3.70	9.10	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	7.10	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	14.3	U	3.70	14.3	18.7	ug/kg
53469-21-9	Aroclor-1242	9.10	U	3.70	9.10	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	8.70	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	14.3	U	3.00	14.3	18.7	ug/kg
37324-23-5	Aroclor-1262	9.10	U	5.00	9.10	18.7	ug/kg
11100-14-4	Aroclor-1268	14.3	U	3.80	14.3	18.7	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.20	9.10	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.5		44 - 130		117%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		60 - 125		109%	SPK: 20

Comments:

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

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

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.1 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
PO108640.D	1	12/18/24 08:10	12/18/24 21:35	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.20	U	3.80	9.20	18.8	ug/kg
11104-28-2	Aroclor-1221	14.4	U	7.10	14.4	18.8	ug/kg
11141-16-5	Aroclor-1232	14.4	U	3.80	14.4	18.8	ug/kg
53469-21-9	Aroclor-1242	9.20	U	3.80	9.20	18.8	ug/kg
12672-29-6	Aroclor-1248	14.4	U	8.70	14.4	18.8	ug/kg
11097-69-1	Aroclor-1254	14.4	U	3.00	14.4	18.8	ug/kg
37324-23-5	Aroclor-1262	9.20	U	5.10	9.20	18.8	ug/kg
11100-14-4	Aroclor-1268	14.4	U	3.80	14.4	18.8	ug/kg
11096-82-5	Aroclor-1260	9.20	U	3.20	9.20	18.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.0		44 - 130		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		60 - 125		118%	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
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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
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95 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
PO108641.D	1	12/18/24 08:10	12/18/24 21:54	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	3.60	8.70	17.8	ug/kg
11104-28-2	Aroclor-1221	13.6	U	6.70	13.6	17.8	ug/kg
11141-16-5	Aroclor-1232	13.6	U	3.60	13.6	17.8	ug/kg
53469-21-9	Aroclor-1242	8.70	U	3.60	8.70	17.8	ug/kg
12672-29-6	Aroclor-1248	13.6	U	8.30	13.6	17.8	ug/kg
11097-69-1	Aroclor-1254	13.6	U	2.90	13.6	17.8	ug/kg
37324-23-5	Aroclor-1262	8.70	U	4.80	8.70	17.8	ug/kg
11100-14-4	Aroclor-1268	13.6	U	3.60	13.6	17.8	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.10	8.70	17.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.5		44 - 130		118%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3	*	60 - 125		126%	SPK: 20

Comments:

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.6 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
PO108642.D	1	12/18/24 08:10	12/18/24 22:12	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.60	8.90	18.1	ug/kg
11104-28-2	Aroclor-1221	13.9	U	6.80	13.9	18.1	ug/kg
11141-16-5	Aroclor-1232	13.9	U	3.60	13.9	18.1	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.60	8.90	18.1	ug/kg
12672-29-6	Aroclor-1248	13.9	U	8.40	13.9	18.1	ug/kg
11097-69-1	Aroclor-1254	13.9	U	2.90	13.9	18.1	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.1	ug/kg
11100-14-4	Aroclor-1268	13.9	U	3.70	13.9	18.1	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.9		44 - 130		114%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		60 - 125		109%	SPK: 20

Comments:

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8 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
PO108643.D	1	12/18/24 08:10	12/18/24 22:30	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	3.70	9.10	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	7.00	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	14.3	U	3.70	14.3	18.7	ug/kg
53469-21-9	Aroclor-1242	9.10	U	3.70	9.10	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	8.70	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	14.3	U	3.00	14.3	18.7	ug/kg
37324-23-5	Aroclor-1262	9.10	U	5.00	9.10	18.7	ug/kg
11100-14-4	Aroclor-1268	14.3	U	3.80	14.3	18.7	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.20	9.10	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.6		44 - 130		118%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		60 - 125		110%	SPK: 20

Comments:

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90 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
PO108644.D	1	12/18/24 08:10	12/18/24 22:49	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.20	U	3.80	9.20	18.8	ug/kg
11104-28-2	Aroclor-1221	14.4	U	7.10	14.4	18.8	ug/kg
11141-16-5	Aroclor-1232	14.4	U	3.80	14.4	18.8	ug/kg
53469-21-9	Aroclor-1242	9.20	U	3.80	9.20	18.8	ug/kg
12672-29-6	Aroclor-1248	14.4	U	8.70	14.4	18.8	ug/kg
11097-69-1	Aroclor-1254	14.4	U	3.00	14.4	18.8	ug/kg
37324-23-5	Aroclor-1262	9.20	U	5.10	9.20	18.8	ug/kg
11100-14-4	Aroclor-1268	14.4	U	3.80	14.4	18.8	ug/kg
11096-82-5	Aroclor-1260	9.20	U	3.20	9.20	18.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.9		44 - 130		114%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		60 - 125		101%	SPK: 20

Comments:

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.9 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
PO108645.D	1	12/18/24 08:10	12/18/24 23:07	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.60	U	3.50	8.60	17.7	ug/kg
11104-28-2	Aroclor-1221	13.5	U	6.70	13.5	17.7	ug/kg
11141-16-5	Aroclor-1232	13.5	U	3.50	13.5	17.7	ug/kg
53469-21-9	Aroclor-1242	8.60	U	3.50	8.60	17.7	ug/kg
12672-29-6	Aroclor-1248	13.5	U	8.20	13.5	17.7	ug/kg
11097-69-1	Aroclor-1254	13.5	U	2.80	13.5	17.7	ug/kg
37324-23-5	Aroclor-1262	8.60	U	4.80	8.60	17.7	ug/kg
11100-14-4	Aroclor-1268	13.5	U	3.60	13.5	17.7	ug/kg
11096-82-5	Aroclor-1260	8.60	U	3.00	8.60	17.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.8		44 - 130		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		60 - 125		106%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	
P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24**			**12/17/24**
			PCB	8082A		12/18/24	12/18/24	

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

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

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	90.8 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
PS028801.D	1	12/20/24 08:20	12/23/24 16:58	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	229		27 - 122		46%	SPK: 500

Comments:

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	90.8 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
PS028802.D	1	12/20/24 08:20	12/23/24 17:22	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	396		27 - 122		79%	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

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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	90.1 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
PS028803.D	1	12/20/24 08:20	12/23/24 17:46	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.037	U	0.0096	0.037	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.028	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.037	U	0.011	0.037	0.074	mg/Kg
94-75-7	2,4-D	0.037	U	0.013	0.037	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.037	U	0.010	0.037	0.074	mg/Kg
93-76-5	2,4,5-T	0.037	U	0.011	0.037	0.074	mg/Kg
94-82-6	2,4-DB	0.037	U	0.020	0.037	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	351		27 - 122		70%	SPK: 500

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	95 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
PS028804.D	1	12/20/24 08:20	12/23/24 18:10	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0091	0.035	0.070	mg/Kg
75-99-0	DALAPON	0.053	U	0.026	0.053	0.070	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.010	0.035	0.070	mg/Kg
94-75-7	2,4-D	0.035	U	0.013	0.035	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0099	0.035	0.070	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.011	0.035	0.070	mg/Kg
94-82-6	2,4-DB	0.035	U	0.019	0.035	0.070	mg/Kg
88-85-7	DINOSEB	0.053	U	0.013	0.053	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	311		27 - 122		62%	SPK: 500

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.6 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028805.D	1	12/20/24 08:20	12/23/24 18:33	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0093	0.035	0.072	mg/Kg
75-99-0	DALAPON	0.053	U	0.027	0.053	0.072	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.010	0.035	0.072	mg/Kg
94-75-7	2,4-D	0.035	U	0.013	0.035	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.010	0.035	0.072	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.011	0.035	0.072	mg/Kg
94-82-6	2,4-DB	0.035	U	0.020	0.035	0.072	mg/Kg
88-85-7	DINOSEB	0.053	U	0.013	0.053	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	394		27 - 122		79%	SPK: 500

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	90.8 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
PS028806.D	1	12/20/24 08:20	12/23/24 18:57	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	373		27 - 122		75%	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.
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	90 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
PS028821.D	1	12/20/24 08:20	12/26/24 17:05	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.037	U	0.0096	0.037	0.074	mg/Kg
75-99-0	DALAPON	0.056	U	0.028	0.056	0.074	mg/Kg
120-36-5	DICHLORPROP	0.037	U	0.011	0.037	0.074	mg/Kg
94-75-7	2,4-D	0.037	U	0.013	0.037	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.037	U	0.010	0.037	0.074	mg/Kg
93-76-5	2,4,5-T	0.037	U	0.011	0.037	0.074	mg/Kg
94-82-6	2,4-DB	0.037	U	0.020	0.037	0.074	mg/Kg
88-85-7	DINOSEB	0.056	U	0.014	0.056	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	295		27 - 122		59%	SPK: 500

Comments:

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	95.9 Decanted:
Sample Wt/Vol:	30.08 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
PS028851.D	1	12/20/24 08:20	12/30/24 11:14	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0090	0.034	0.070	mg/Kg
75-99-0	DALAPON	0.052	U	0.026	0.052	0.070	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.0099	0.034	0.070	mg/Kg
94-75-7	2,4-D	0.034	U	0.013	0.034	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0098	0.034	0.070	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.011	0.034	0.070	mg/Kg
94-82-6	2,4-DB	0.034	U	0.019	0.034	0.070	mg/Kg
88-85-7	DINOSEB	0.052	UM	0.013	0.052	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	512		27 - 122		102%	SPK: 500

Comments:

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

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

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LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/23/24	
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/23/24	
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/23/24	
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/23/24	
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/23/24	
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/23/24	
			PCB	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/26/24	

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LAB CHRONICLE

			PCB	8082A		12/18/24	12/18/24
			Pesticide-TCL	8081B		12/18/24	12/19/24
P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24**		**12/17/24**
			Herbicide Group1	8151A		12/20/24	12/30/24
			PCB	8082A		12/18/24	12/18/24
			Pesticide-TCL	8081B		12/18/24	12/19/24

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Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-07-121224									
P5306-01	OU4-VSL-07-121224	SOIL	Aluminum	5710		2.41	4.00	5.01	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Antimony	0.20	J	0.15	0.63	2.50	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Barium	12.8		0.64	1.25	5.01	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Beryllium	0.37		0.012	0.075	0.30	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Cadmium	2.00		0.016	0.075	0.30	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Calcium	5590		2.80	25.0	100	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Chromium	0.68		0.054	0.13	0.50	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Cobalt	16.1		0.058	0.38	1.50	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Copper	35.0		0.47	0.80	1.00	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Iron	25600		2.69	4.00	5.01	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Lead	2.34		0.15	0.48	0.60	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Magnesium	4540		3.43	25.0	100	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Manganese	237		0.071	0.25	1.00	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Mercury	0.0070	J	0.0060	0.010	0.013	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Nickel	6.04		0.090	0.50	2.00	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Potassium	76.8	J	28.7	80.1	100	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Sodium	892		36.1	80.1	100	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Vanadium	75.9		0.27	1.00	2.00	mg/Kg
P5306-01	OU4-VSL-07-121224	SOIL	Zinc	32.2		0.11	0.50	2.00	mg/Kg
Client ID : OU4-VSL-08-121224									
P5306-03	OU4-VSL-08-121224	SOIL	Aluminum	5550		2.58	4.28	5.35	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Barium	4.22	J	0.68	1.34	5.35	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Beryllium	0.21	J	0.013	0.080	0.32	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Cadmium	0.65		0.017	0.080	0.32	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Calcium	4180		2.99	26.7	107	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Chromium	1.79		0.058	0.13	0.54	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Cobalt	11.3		0.062	0.40	1.60	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Copper	37.3		0.50	0.86	1.07	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Iron	16600		2.88	4.28	5.35	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Lead	1.33		0.16	0.51	0.64	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Magnesium	4050		3.67	26.7	107	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Manganese	105		0.076	0.27	1.07	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Nickel	9.54		0.096	0.54	2.14	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Potassium	93.2	J	30.7	85.5	107	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Sodium	1420		38.6	85.5	107	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Vanadium	52.1		0.29	1.07	2.14	mg/Kg
P5306-03	OU4-VSL-08-121224	SOIL	Zinc	19.6		0.12	0.54	2.14	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-09-121224									
P5306-05	OU4-VSL-09-121224	SOIL	Aluminum	5360		2.28	3.78	4.72	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Arsenic	0.82	J	0.27	0.76	0.95	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Barium	10.9		0.61	1.18	4.72	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Beryllium	0.35		0.011	0.071	0.28	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Cadmium	2.01		0.015	0.071	0.28	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Calcium	5030		2.64	23.6	94.5	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Chromium	0.46	J	0.051	0.12	0.47	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Cobalt	15.6		0.055	0.35	1.42	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Copper	35.5		0.44	0.76	0.95	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Iron	25300		2.54	3.78	4.72	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Lead	2.42		0.14	0.45	0.57	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Magnesium	3930		3.24	23.6	94.5	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Manganese	222		0.067	0.24	0.95	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Nickel	5.35		0.085	0.47	1.89	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Potassium	64.7	J	27.1	75.6	94.5	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Sodium	718		34.1	75.6	94.5	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Vanadium	75.6		0.26	0.95	1.89	mg/Kg
P5306-05	OU4-VSL-09-121224	SOIL	Zinc	40.5		0.10	0.47	1.89	mg/Kg
Client ID : OU4-VSL-10-121224									
P5306-07	OU4-VSL-10-121224	SOIL	Aluminum	5240		2.30	3.81	4.76	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Antimony	0.20	J	0.14	0.60	2.38	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Barium	14.9		0.61	1.19	4.76	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Beryllium	0.37		0.011	0.071	0.29	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Cadmium	2.30		0.015	0.071	0.29	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Calcium	5210		2.67	23.8	95.3	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Chromium	0.30	J	0.051	0.12	0.48	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Cobalt	16.9		0.055	0.36	1.43	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Copper	39.3		0.45	0.76	0.95	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Iron	26400		2.56	3.81	4.76	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Lead	2.22		0.14	0.46	0.57	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Magnesium	3780		3.27	23.8	95.3	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Manganese	239		0.068	0.24	0.95	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Nickel	4.87		0.086	0.48	1.91	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Potassium	64.5	J	27.3	76.2	95.3	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Sodium	742		34.4	76.2	95.3	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Vanadium	76.9		0.26	0.95	1.91	mg/Kg
P5306-07	OU4-VSL-10-121224	SOIL	Zinc	35.4		0.11	0.48	1.91	mg/Kg

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-11-121224									
P5306-09	OU4-VSL-11-121224	SOIL	Aluminum	4830		2.46	4.09	5.11	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Barium	11.6		0.65	1.28	5.11	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Beryllium	0.35		0.012	0.077	0.31	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Cadmium	1.79		0.016	0.077	0.31	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Calcium	4540		2.86	25.6	102	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Chromium	0.31	J	0.055	0.13	0.51	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Cobalt	15.8		0.059	0.38	1.53	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Copper	38.6		0.48	0.82	1.02	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Iron	24300		2.75	4.09	5.11	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Lead	2.43		0.15	0.49	0.61	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Magnesium	3730		3.51	25.6	102	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Manganese	222		0.073	0.26	1.02	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Nickel	4.66		0.092	0.51	2.04	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Potassium	58.6	J	29.3	81.8	102	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Sodium	615		36.9	81.8	102	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Vanadium	67.4		0.28	1.02	2.04	mg/Kg
P5306-09	OU4-VSL-11-121224	SOIL	Zinc	33.0		0.11	0.51	2.04	mg/Kg
Client ID : OU4-VSL-12-121224									
P5306-11	OU4-VSL-12-121224	SOIL	Aluminum	5780		2.18	3.61	4.51	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Arsenic	0.29	J	0.26	0.72	0.90	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Barium	3.11	J	0.58	1.13	4.51	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Beryllium	0.21	J	0.011	0.068	0.27	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Cadmium	0.82		0.014	0.068	0.27	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Calcium	4280		2.53	22.6	90.3	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Chromium	1.91		0.049	0.11	0.45	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Cobalt	11.4		0.052	0.34	1.35	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Copper	36.6		0.42	0.72	0.90	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Iron	16100		2.43	3.61	4.51	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Lead	1.34		0.14	0.43	0.54	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Magnesium	4170		3.10	22.6	90.3	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Manganese	91.9		0.064	0.23	0.90	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Nickel	10.3		0.081	0.45	1.81	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Potassium	87.6	J	25.9	72.2	90.3	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Sodium	1520		32.6	72.2	90.3	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Vanadium	55.4		0.24	0.90	1.81	mg/Kg
P5306-11	OU4-VSL-12-121224	SOIL	Zinc	18.3		0.099	0.45	1.81	mg/Kg
Client ID : OU4-VSL-13-121224									
P5306-13	OU4-VSL-13-121224	SOIL	Aluminum	4540		2.26	3.75	4.69	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
P5306-13	OU4-VSL-13-121224	SOIL	Barium	2.50	J	0.60	1.17	4.69	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Beryllium	0.18	J	0.011	0.070	0.28	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Cadmium	0.54		0.015	0.070	0.28	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Calcium	3320		2.63	23.4	93.8	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Chromium	1.73		0.051	0.12	0.47	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Cobalt	9.10		0.054	0.35	1.41	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Copper	30.6		0.44	0.75	0.94	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Iron	12900		2.52	3.75	4.69	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Lead	0.97		0.14	0.45	0.56	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Magnesium	3490		3.22	23.4	93.8	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Manganese	85.0		0.067	0.23	0.94	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Mercury	0.0080	J	0.0060	0.011	0.013	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Nickel	8.22		0.084	0.47	1.88	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Potassium	69.4	J	26.9	75.0	93.8	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Sodium	1190		33.8	75.0	93.8	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Vanadium	47.5		0.25	0.94	1.88	mg/Kg
P5306-13	OU4-VSL-13-121224	SOIL	Zinc	15.4		0.10	0.47	1.88	mg/Kg
Client ID :	**OU4-VSL-14-121224**								
P5306-15	OU4-VSL-14-121224	SOIL	Aluminum	4950		2.44	4.05	5.06	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Barium	2.81	J	0.65	1.27	5.06	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Beryllium	0.20	J	0.012	0.076	0.30	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Cadmium	0.56		0.016	0.076	0.30	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Calcium	3660		2.83	25.3	101	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Chromium	1.91		0.055	0.13	0.51	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Cobalt	10.1		0.059	0.38	1.52	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Copper	33.2		0.48	0.81	1.01	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Iron	14400		2.72	4.05	5.06	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Lead	1.07		0.15	0.49	0.61	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Magnesium	3830		3.47	25.3	101	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Manganese	92.5		0.072	0.25	1.01	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Nickel	9.16		0.091	0.51	2.02	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Potassium	74.9	J	29.1	81.0	101	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Sodium	1340		36.5	81.0	101	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Vanadium	52.1		0.27	1.01	2.02	mg/Kg
P5306-15	OU4-VSL-14-121224	SOIL	Zinc	16.9		0.11	0.51	2.02	mg/Kg
Client ID :	**OU4-VSL-06R-121224**								
P5306-17	OU4-VSL-06R-121224	SOIL	Vanadium	74.6		0.24	0.91	1.81	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.:	P5306	**Order ID:**	P5306
Client:	Nobis Group	**Project ID:**	Raymark Superfund Site

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

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5710		1	2.41	4.00	5.01	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-36-0	Antimony	0.20	J	1	0.15	0.63	2.50	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-38-2	Arsenic	0.80	U	1	0.29	0.80	1.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-39-3	Barium	12.8		1	0.64	1.25	5.01	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-41-7	Beryllium	0.37	N	1	0.012	0.075	0.30	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-43-9	Cadmium	2.00		1	0.016	0.075	0.30	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-70-2	Calcium	5590		1	2.80	25.0	100	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-47-3	Chromium	0.68	N	1	0.054	0.13	0.50	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-48-4	Cobalt	16.1	N	1	0.058	0.38	1.50	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-50-8	Copper	35.0		1	0.47	0.80	1.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7439-89-6	Iron	25600		1	2.69	4.00	5.01	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7439-92-1	Lead	2.34		1	0.15	0.48	0.60	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7439-95-4	Magnesium	4540		1	3.43	25.0	100	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7439-96-5	Manganese	237		1	0.071	0.25	1.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7439-97-6	Mercury	0.0070	JN	1	0.0060	0.010	0.013	mg/Kg	12/18/24 08:35	12/18/24 14:32	SW7471B	
7440-02-0	Nickel	6.04		1	0.090	0.50	2.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-09-7	Potassium	76.8	J	1	28.7	80.1	100	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7782-49-2	Selenium	0.80	U	1	0.33	0.80	1.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-22-4	Silver	0.25	U	1	0.052	0.25	0.50	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-23-5	Sodium	892		1	36.1	80.1	100	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-28-0	Thallium	1.00	U	1	0.44	1.00	2.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-62-2	Vanadium	75.9		1	0.27	1.00	2.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	SW3050
7440-66-6	Zinc	32.2		1	0.11	0.50	2.00	mg/Kg	12/17/24 14:00	12/18/24 16:36	SW6010	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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5550		1	2.58	4.28	5.35	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-36-0	Antimony	0.67	U	1	0.16	0.67	2.67	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-38-2	Arsenic	0.86	U	1	0.31	0.86	1.07	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-39-3	Barium	4.22	J	1	0.68	1.34	5.35	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-41-7	Beryllium	0.21	JN	1	0.013	0.080	0.32	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-43-9	Cadmium	0.65		1	0.017	0.080	0.32	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-70-2	Calcium	4180		1	2.99	26.7	107	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-47-3	Chromium	1.79	N	1	0.058	0.13	0.54	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-48-4	Cobalt	11.3	N	1	0.062	0.40	1.60	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-50-8	Copper	37.3		1	0.50	0.86	1.07	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7439-89-6	Iron	16600		1	2.88	4.28	5.35	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7439-92-1	Lead	1.33		1	0.16	0.51	0.64	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7439-95-4	Magnesium	4050		1	3.67	26.7	107	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7439-96-5	Manganese	105		1	0.076	0.27	1.07	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7439-97-6	Mercury	0.012	UN	1	0.0070	0.012	0.015	mg/Kg	12/18/24 08:35	12/18/24 14:34	SW7471B	
7440-02-0	Nickel	9.54		1	0.096	0.54	2.14	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-09-7	Potassium	93.2	J	1	30.7	85.5	107	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7782-49-2	Selenium	0.86	U	1	0.35	0.86	1.07	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-22-4	Silver	0.27	U	1	0.056	0.27	0.54	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-23-5	Sodium	1420		1	38.6	85.5	107	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-28-0	Thallium	1.07	U	1	0.47	1.07	2.14	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-62-2	Vanadium	52.1		1	0.29	1.07	2.14	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	SW3050
7440-66-6	Zinc	19.6		1	0.12	0.54	2.14	mg/Kg	12/17/24 14:00	12/18/24 16:40	SW6010	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5360		1	2.28	3.78	4.72	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-36-0	Antimony	0.59	U	1	0.14	0.59	2.36	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-38-2	Arsenic	0.82	J	1	0.27	0.76	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-39-3	Barium	10.9		1	0.61	1.18	4.72	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-41-7	Beryllium	0.35	N	1	0.011	0.071	0.28	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-43-9	Cadmium	2.01		1	0.015	0.071	0.28	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-70-2	Calcium	5030		1	2.64	23.6	94.5	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-47-3	Chromium	0.46	JN	1	0.051	0.12	0.47	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-48-4	Cobalt	15.6	N	1	0.055	0.35	1.42	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-50-8	Copper	35.5		1	0.44	0.76	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7439-89-6	Iron	25300		1	2.54	3.78	4.72	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7439-92-1	Lead	2.42		1	0.14	0.45	0.57	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7439-95-4	Magnesium	3930		1	3.24	23.6	94.5	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7439-96-5	Manganese	222		1	0.067	0.24	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7439-97-6	Mercury	0.011	UN	1	0.0060	0.011	0.014	mg/Kg	12/18/24 08:35	12/18/24 14:36	SW7471B	
7440-02-0	Nickel	5.35		1	0.085	0.47	1.89	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-09-7	Potassium	64.7	J	1	27.1	75.6	94.5	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7782-49-2	Selenium	0.76	U	1	0.31	0.76	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-22-4	Silver	0.24	U	1	0.049	0.24	0.47	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-23-5	Sodium	718		1	34.1	75.6	94.5	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-28-0	Thallium	0.95	U	1	0.42	0.95	1.89	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-62-2	Vanadium	75.6		1	0.26	0.95	1.89	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	SW3050
7440-66-6	Zinc	40.5		1	0.10	0.47	1.89	mg/Kg	12/17/24 14:00	12/18/24 16:44	SW6010	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
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	95

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5240		1	2.30	3.81	4.76	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-36-0	Antimony	0.20	J	1	0.14	0.60	2.38	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-38-2	Arsenic	0.76	U	1	0.28	0.76	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-39-3	Barium	14.9		1	0.61	1.19	4.76	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-41-7	Beryllium	0.37	N	1	0.011	0.071	0.29	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-43-9	Cadmium	2.30		1	0.015	0.071	0.29	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-70-2	Calcium	5210		1	2.67	23.8	95.3	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-47-3	Chromium	0.30	JN	1	0.051	0.12	0.48	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-48-4	Cobalt	16.9	N	1	0.055	0.36	1.43	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-50-8	Copper	39.3		1	0.45	0.76	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7439-89-6	Iron	26400		1	2.56	3.81	4.76	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7439-92-1	Lead	2.22		1	0.14	0.46	0.57	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7439-95-4	Magnesium	3780		1	3.27	23.8	95.3	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7439-96-5	Manganese	239		1	0.068	0.24	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7439-97-6	Mercury	0.011	UN	1	0.0060	0.011	0.014	mg/Kg	12/18/24 08:35	12/18/24 14:38	SW7471B	
7440-02-0	Nickel	4.87		1	0.086	0.48	1.91	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-09-7	Potassium	64.5	J	1	27.3	76.2	95.3	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7782-49-2	Selenium	0.76	U	1	0.31	0.76	0.95	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-22-4	Silver	0.24	U	1	0.050	0.24	0.48	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-23-5	Sodium	742		1	34.4	76.2	95.3	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-28-0	Thallium	0.95	U	1	0.42	0.95	1.91	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-62-2	Vanadium	76.9		1	0.26	0.95	1.91	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	SW3050
7440-66-6	Zinc	35.4		1	0.11	0.48	1.91	mg/Kg	12/17/24 14:00	12/18/24 16:49	SW6010	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4830		1	2.46	4.09	5.11	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-36-0	Antimony	0.64	U	1	0.15	0.64	2.56	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-38-2	Arsenic	0.82	U	1	0.30	0.82	1.02	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-39-3	Barium	11.6		1	0.65	1.28	5.11	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-41-7	Beryllium	0.35	N	1	0.012	0.077	0.31	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-43-9	Cadmium	1.79		1	0.016	0.077	0.31	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-70-2	Calcium	4540		1	2.86	25.6	102	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-47-3	Chromium	0.31	JN	1	0.055	0.13	0.51	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-48-4	Cobalt	15.8	N	1	0.059	0.38	1.53	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-50-8	Copper	38.6		1	0.48	0.82	1.02	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7439-89-6	Iron	24300		1	2.75	4.09	5.11	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7439-92-1	Lead	2.43		1	0.15	0.49	0.61	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7439-95-4	Magnesium	3730		1	3.51	25.6	102	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7439-96-5	Manganese	222		1	0.073	0.26	1.02	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7439-97-6	Mercury	0.011	UN	1	0.0060	0.011	0.014	mg/Kg	12/18/24 08:35	12/18/24 14:41	SW7471B	
7440-02-0	Nickel	4.66		1	0.092	0.51	2.04	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-09-7	Potassium	58.6	J	1	29.3	81.8	102	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7782-49-2	Selenium	0.82	U	1	0.34	0.82	1.02	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-22-4	Silver	0.26	U	1	0.053	0.26	0.51	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-23-5	Sodium	615		1	36.9	81.8	102	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-28-0	Thallium	1.02	U	1	0.45	1.02	2.04	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-62-2	Vanadium	67.4		1	0.28	1.02	2.04	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	SW3050
7440-66-6	Zinc	33.0		1	0.11	0.51	2.04	mg/Kg	12/17/24 14:00	12/18/24 16:53	SW6010	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

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

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5780		1	2.18	3.61	4.51	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-36-0	Antimony	0.56	U	1	0.14	0.56	2.26	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-38-2	Arsenic	0.29	J	1	0.26	0.72	0.90	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-39-3	Barium	3.11	J	1	0.58	1.13	4.51	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-41-7	Beryllium	0.21	JN	1	0.011	0.068	0.27	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-43-9	Cadmium	0.82		1	0.014	0.068	0.27	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-70-2	Calcium	4280		1	2.53	22.6	90.3	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-47-3	Chromium	1.91	N	1	0.049	0.11	0.45	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-48-4	Cobalt	11.4	N	1	0.052	0.34	1.35	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-50-8	Copper	36.6		1	0.42	0.72	0.90	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7439-89-6	Iron	16100		1	2.43	3.61	4.51	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7439-92-1	Lead	1.34		1	0.14	0.43	0.54	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7439-95-4	Magnesium	4170		1	3.10	22.6	90.3	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7439-96-5	Manganese	91.9		1	0.064	0.23	0.90	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7439-97-6	Mercury	0.011	UN	1	0.0060	0.011	0.014	mg/Kg	12/18/24 08:35	12/18/24 14:43	SW7471B	
7440-02-0	Nickel	10.3		1	0.081	0.45	1.81	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-09-7	Potassium	87.6	J	1	25.9	72.2	90.3	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7782-49-2	Selenium	0.72	U	1	0.30	0.72	0.90	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-22-4	Silver	0.23	U	1	0.047	0.23	0.45	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-23-5	Sodium	1520		1	32.6	72.2	90.3	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-28-0	Thallium	0.90	U	1	0.40	0.90	1.81	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-62-2	Vanadium	55.4		1	0.24	0.90	1.81	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	SW3050
7440-66-6	Zinc	18.3		1	0.099	0.45	1.81	mg/Kg	12/17/24 14:00	12/18/24 16:57	SW6010	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
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N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4540		1	2.26	3.75	4.69	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-36-0	Antimony	0.59	U	1	0.14	0.59	2.34	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-38-2	Arsenic	0.75	U	1	0.27	0.75	0.94	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-39-3	Barium	2.50	J	1	0.60	1.17	4.69	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-41-7	Beryllium	0.18	JN	1	0.011	0.070	0.28	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-43-9	Cadmium	0.54		1	0.015	0.070	0.28	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-70-2	Calcium	3320		1	2.63	23.4	93.8	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-47-3	Chromium	1.73	N	1	0.051	0.12	0.47	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-48-4	Cobalt	9.10	N	1	0.054	0.35	1.41	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-50-8	Copper	30.6		1	0.44	0.75	0.94	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7439-89-6	Iron	12900		1	2.52	3.75	4.69	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7439-92-1	Lead	0.97		1	0.14	0.45	0.56	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7439-95-4	Magnesium	3490		1	3.22	23.4	93.8	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7439-96-5	Manganese	85.0		1	0.067	0.23	0.94	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7439-97-6	Mercury	0.0080	JN	1	0.0060	0.011	0.013	mg/Kg	12/18/24 08:35	12/18/24 14:50	SW7471B	
7440-02-0	Nickel	8.22		1	0.084	0.47	1.88	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-09-7	Potassium	69.4	J	1	26.9	75.0	93.8	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7782-49-2	Selenium	0.75	U	1	0.31	0.75	0.94	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-22-4	Silver	0.23	U	1	0.049	0.23	0.47	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-23-5	Sodium	1190		1	33.8	75.0	93.8	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-28-0	Thallium	0.94	U	1	0.41	0.94	1.88	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-62-2	Vanadium	47.5		1	0.25	0.94	1.88	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	SW3050
7440-66-6	Zinc	15.4		1	0.10	0.47	1.88	mg/Kg	12/17/24 14:00	12/18/24 17:10	SW6010	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
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J = Estimated Value
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E = Indicates the reported value is estimated because of the presence of interference.
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4950		1	2.44	4.05	5.06	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-36-0	Antimony	0.63	U	1	0.15	0.63	2.53	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-38-2	Arsenic	0.81	U	1	0.29	0.81	1.01	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-39-3	Barium	2.81	J	1	0.65	1.27	5.06	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-41-7	Beryllium	0.20	JN	1	0.012	0.076	0.30	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-43-9	Cadmium	0.56		1	0.016	0.076	0.30	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-70-2	Calcium	3660		1	2.83	25.3	101	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-47-3	Chromium	1.91	N	1	0.055	0.13	0.51	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-48-4	Cobalt	10.1	N	1	0.059	0.38	1.52	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-50-8	Copper	33.2		1	0.48	0.81	1.01	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7439-89-6	Iron	14400		1	2.72	4.05	5.06	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7439-92-1	Lead	1.07		1	0.15	0.49	0.61	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7439-95-4	Magnesium	3830		1	3.47	25.3	101	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7439-96-5	Manganese	92.5		1	0.072	0.25	1.01	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7439-97-6	Mercury	0.010	UN	1	0.0050	0.010	0.012	mg/Kg	12/18/24 08:35	12/18/24 14:52	SW7471B	
7440-02-0	Nickel	9.16		1	0.091	0.51	2.02	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-09-7	Potassium	74.9	J	1	29.1	81.0	101	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7782-49-2	Selenium	0.81	U	1	0.33	0.81	1.01	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-22-4	Silver	0.25	U	1	0.053	0.25	0.51	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-23-5	Sodium	1340		1	36.5	81.0	101	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-28-0	Thallium	1.01	U	1	0.45	1.01	2.02	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-62-2	Vanadium	52.1		1	0.27	1.01	2.02	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050
7440-66-6	Zinc	16.9		1	0.11	0.51	2.02	mg/Kg	12/17/24 14:00	12/18/24 17:14	SW6010	SW3050

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

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-06R-121224	SDG No.:	P5306
Lab Sample ID:	P5306-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-62-2	Vanadium	74.6		1	0.24	0.91	1.81	mg/Kg	12/17/24 14:00	12/23/24 14:41	SW6010	SW3050

Color Before:	Black	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group6				

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LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-17	**OU4-VSL-06R-121224**	**SOIL**			**12/12/24**			**12/17/24**

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LAB CHRONICLE

Metals Group6	6010D	12/17/24	12/23/24

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Hit Summary Sheet
SW-846

SDG No.: P5306 **Order ID:** P5306

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-07-121224									
P5306-02	OU4-VSL-07-121224	Water	Vanadium	624	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-08-121224									
P5306-04	OU4-VSL-08-121224	Water	Mercury	0.27		0.081	0.16	0.20	ug/L
P5306-04	OU4-VSL-08-121224	Water	Vanadium	638	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-09-121224									
P5306-06	OU4-VSL-09-121224	Water	Vanadium	731	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-10-121224									
P5306-08	OU4-VSL-10-121224	Water	Vanadium	542	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-11-121224									
P5306-10	OU4-VSL-11-121224	Water	Vanadium	544	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-12-121224									
P5306-12	OU4-VSL-12-121224	Water	Vanadium	696	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-13-121224									
P5306-14	OU4-VSL-13-121224	Water	Vanadium	676	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-14-121224									
P5306-16	OU4-VSL-14-121224	Water	Vanadium	671	D	0.18	0.63	12.5	ug/L
Client ID : OU4-VSL-06R-121224									
P5306-18	OU4-VSL-06R-121224	Water	Vanadium	628	D	0.18	0.63	12.5	ug/L

SAMPLE DATA

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-02	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.
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:26	SW7470A	
7440-62-2	Vanadium	624	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:02	SW6020	3010A

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

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

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-04	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.
7439-97-6	Mercury	0.27		1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:42	SW7470A	
7440-62-2	Vanadium	638	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:27	SW6020	3010A

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

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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-06	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.
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:45	SW7470A	
7440-62-2	Vanadium	731	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:30	SW6020	3010A

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

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-08	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.
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:47	SW7470A	
7440-62-2	Vanadium	542	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:33	SW6020	3010A

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

U = Not Detected
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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-10	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.
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:49	SW7470A	
7440-62-2	Vanadium	544	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:36	SW6020	3010A

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

U = Not Detected
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-12	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.
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:51	SW7470A	
7440-62-2	Vanadium	696	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:39	SW6020	3010A

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

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

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-14	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.
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:54	SW7470A	
7440-62-2	Vanadium	676	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:43	SW6020	3010A

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

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

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-16	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.
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	12/19/24 08:10	12/19/24 13:56	SW7470A	
7440-62-2	Vanadium	671	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:46	SW6020	3010A

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

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

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-06R-121224	SDG No.:	P5306
Lab Sample ID:	P5306-18	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.
7440-62-2	Vanadium	628	D	5	0.18	0.63	12.5	ug/L	12/18/24 12:00	12/23/24 13:49	SW6020	3010A

Color Before:	Clarity Before:	Texture:
Color After:	Clarity After:	Artifacts:
Comments: SPLP MetalGroup3		

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

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

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

LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-02	**OU4-VSL-07-121224**	**Water**			**12/12/24**			**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24	
			SPLP MetalGroup3	6020B		12/18/24	12/23/24	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-04	**OU4-VSL-08-121224**	**Water**			**12/12/24**			**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24	
			SPLP MetalGroup3	6020B		12/18/24	12/23/24	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-06	**OU4-VSL-09-121224**	**Water**			**12/12/24**			**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24	
			SPLP MetalGroup3	6020B		12/18/24	12/23/24	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24**			**12/17/24**
			Mercury	7471B		12/18/24	12/18/24	
			Metals ICP-TAL	6010D		12/17/24	12/18/24	
P5306-08	**OU4-VSL-10-121224**	**Water**			**12/12/24**			**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24	
			SPLP MetalGroup3	6020B		12/18/24	12/23/24	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24**			**12/17/24**

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LAB CHRONICLE

			Mercury	7471B		12/18/24	12/18/24
			Metals ICP-TAL	6010D		12/17/24	12/18/24
P5306-10	**OU4-VSL-11-121224**	**Water**			**12/12/24**		**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24
			SPLP MetalGroup3	6020B		12/18/24	12/23/24
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24**		**12/17/24**
			Mercury	7471B		12/18/24	12/18/24
			Metals ICP-TAL	6010D		12/17/24	12/18/24
P5306-12	**OU4-VSL-12-121224**	**Water**			**12/12/24**		**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24
			SPLP MetalGroup3	6020B		12/18/24	12/23/24
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24**		**12/17/24**
			Mercury	7471B		12/18/24	12/18/24
			Metals ICP-TAL	6010D		12/17/24	12/18/24
P5306-14	**OU4-VSL-13-121224**	**Water**			**12/12/24**		**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24
			SPLP MetalGroup3	6020B		12/18/24	12/23/24
P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24**		**12/17/24**
			Mercury	7471B		12/18/24	12/18/24
			Metals ICP-TAL	6010D		12/17/24	12/18/24
P5306-16	**OU4-VSL-14-121224**	**Water**			**12/12/24**		**12/17/24**
			SPLP Mercury	7470A		12/19/24	12/19/24
			SPLP MetalGroup3	6020B		12/18/24	12/23/24
P5306-17	**OU4-VSL-06R-121224**	**SOIL**			**12/12/24**		**12/17/24**
			Metals Group6	6010D		12/17/24	12/23/24
P5306-18	**OU4-VSL-06R-121224**	**Water**			**12/12/24**		**12/17/24**
			SPLP MetalGroup3	6020B		12/18/24	12/23/24

SAMPLE DATA

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 10:00
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
		% Solid:	90.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.22	U	1	0.048	0.22	0.27	mg/Kg	12/18/24 14:00	12/19/24 13:51	9012B

Comments:

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 10:10
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
		% Solid:	90.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.047	0.21	0.26	mg/Kg	12/18/24 14:00	12/19/24 13:51	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
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OR = Over Range
N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 10:20
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
		% Solid:	90.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.22	U	1	0.048	0.22	0.27	mg/Kg	12/18/24 14:00	12/19/24 13:51	9012B

Comments:

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 10:30
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
		% Solid:	95

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.055	J	1	0.045	0.21	0.26	mg/Kg	12/18/24 14:00	12/19/24 13:51	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 10:40
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
		% Solid:	93.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.20	U	1	0.045	0.20	0.25	mg/Kg	12/18/24 14:00	12/19/24 13:51	9012B

Comments:

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

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 10:50
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
		% Solid:	90.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.22	U	1	0.048	0.22	0.27	mg/Kg	12/18/24 14:00	12/19/24 13:51	9012B

Comments:

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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 11:00
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
		% Solid:	90

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.22	U	1	0.049	0.22	0.28	mg/Kg	12/18/24 14:00	12/19/24 13:59	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

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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24 11:10
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
		% Solid:	95.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.20	U	1	0.045	0.20	0.26	mg/Kg	12/18/24 14:00	12/19/24 13:59	9012B

Comments:

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

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

LAB CHRONICLE

OrderID:	P5306	**OrderDate:**	12/17/2024 10:24:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	**OU4-VSL-07-121224**	**SOIL**			**12/12/24 10:00**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:51	
P5306-03	**OU4-VSL-08-121224**	**SOIL**			**12/12/24 10:10**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:51	
P5306-05	**OU4-VSL-09-121224**	**SOIL**			**12/12/24 10:20**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:51	
P5306-07	**OU4-VSL-10-121224**	**SOIL**			**12/12/24 10:30**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:51	
P5306-09	**OU4-VSL-11-121224**	**SOIL**			**12/12/24 10:40**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:51	
P5306-11	**OU4-VSL-12-121224**	**SOIL**			**12/12/24 10:50**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:51	
P5306-13	**OU4-VSL-13-121224**	**SOIL**			**12/12/24 11:00**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:59	

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LAB CHRONICLE

P5306-15	**OU4-VSL-14-121224**	**SOIL**			**12/12/24 11:10**			**12/17/24**
			Cyanide	9012B		12/18/24	12/19/24 13:59	

SHIPPING DOCUMENTS

13 13.1

P5306

Chemtech

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

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 4_01/08/2020

39 Spruce Street
East Longmeadow, MA 01028

Page __1__ of __1__

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

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

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

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

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☒
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020	Total and SPLP Vanadium
	004-VSL-07-121224	12/12/24	1000	Grab	S	U	3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-08-121224		1010				3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-09-121224		1020				3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-10-121224		1030				3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-11-121224		1040				3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-12-121224		1050				3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-13-121224		1100				3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-14-121224		1110				3	2	1				X	X	X	X	X	X	X	X	X	
	004-VSL-06R-121224	↓	1115	↓	↓	↓	0	2	0													X

[2] Preservation Code

Contest Use Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

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

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

Relinquished by: (signature)	Date/Time: 12/13/24 1130	Client Comments: DI water preserved samples frozen on 12/12/24
Received by: (signature)	Date/Time: 9:50 12-17-24	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
MA
CT
Other:

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

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

NELAC and AIHA-LAP,LLC Accredited

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

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments:

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

IR Gun #1 2.4

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P5306

Laboratory Certification

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5306 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 12/17/2024 10:24:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 12/17/2024 9:50:00 AM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5306-01	OU4-VSL-07-121224	Solid	12/12/2024	10:00					
					VOCMS Group3		8260D		10 Bus. Days
P5306-03	OU4-VSL-08-121224	Solid	12/12/2024	10:10					
					VOCMS Group3		8260D		10 Bus. Days
P5306-05	OU4-VSL-09-121224	Solid	12/12/2024	10:20					
					VOCMS Group3		8260D		10 Bus. Days
P5306-07	OU4-VSL-10-121224	Solid	12/12/2024	10:30					
					VOCMS Group3		8260D		10 Bus. Days
P5306-09	OU4-VSL-11-121224	Solid	12/12/2024	10:40					
					VOCMS Group3		8260D		10 Bus. Days
P5306-11	OU4-VSL-12-121224	Solid	12/12/2024	10:50					
					VOCMS Group3		8260D		10 Bus. Days
P5306-13	OU4-VSL-13-121224	Solid	12/12/2024	11:00					
					VOCMS Group3		8260D		10 Bus. Days
P5306-15	OU4-VSL-14-121224	Solid	12/12/2024	~~11:15~~ 11:10					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	P5306 NOBI03	**Order Date :**	12/17/2024 10:24:00 AM	**Project Mgr :**	
Client Name :	Nobis Group	**Project Name :**	Raymark Superfund Site	**Report Type :**	Level 4
Client Contact :	Adam Roy	**Receive DateTime :**	12/17/2024 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
					VOCMS Group3		8260D	10 Bus. Days	

Relinguished By : _____
Date / Time : 12-17-24 1230

Received By : _____
Date / Time : 12.17.24 12:30

Storage Area : **VOA Refridgerator Room**