

## **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**



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# REASONABLE CONFIDENCE PROTOCOL

## LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

**Laboratory Name:**  
Alliance Technical Group LLC

**Client:** Nobis Group

**Project Location:** Stratford, CT

**Project Number:** 95700

**Sampling Date(s):** 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? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                        |
| 1A | Were the method specified preservation and holding time requirements met?                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                        |
| 1B | <b><u>VPH and EPH Methods only:</u></b> Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> 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)?                                                                                                                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                        |
| 3  | Were samples received at an appropriate temperature (<6° C°)?                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                        |
| 4  | Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                        |
| 5  | a) Were reporting limits specified or referenced on the chain-of-custody?<br>b) Were these reporting limits met?                                                                                                                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?                                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                        |
| 7  | Are project-specific matrix spikes and laboratory duplicates included in this data set?                                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                        |

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

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

**Authorized Signature:** \_\_\_\_\_ **Position:** QC SUPERVISOR

**Printed Name:** NIMISHA N. PANDYA **Date:** \_\_\_\_\_

**Name of Laboratory:** CHEMTECH

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

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

Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocol

## Cover Page

**Order ID :** P5306

**Project ID :** Raymark Superfund Site

**Client :** Nobis Group

### Lab Sample Number

P5306-01  
P5306-02  
P5306-03  
P5306-04  
P5306-05  
P5306-06  
P5306-07  
P5306-08  
P5306-09  
P5306-10  
P5306-11  
P5306-12  
P5306-13  
P5306-14  
P5306-15  
P5306-16  
P5306-17  
P5306-18

### Client Sample Number

OU4-VSL-07-121224  
OU4-VSL-07-121224  
OU4-VSL-08-121224  
OU4-VSL-08-121224  
OU4-VSL-09-121224  
OU4-VSL-09-121224  
OU4-VSL-10-121224  
OU4-VSL-10-121224  
OU4-VSL-11-121224  
OU4-VSL-11-121224  
OU4-VSL-12-121224  
OU4-VSL-12-121224  
OU4-VSL-13-121224  
OU4-VSL-13-121224  
OU4-VSL-14-121224  
OU4-VSL-14-121224  
OU4-VSL-06R-121224  
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: 1/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **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.

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 purge 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.

**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.

---

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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.

---

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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 #: 11324. The analysis of Herbicide Group1s was based on method 8151A and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {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 MetalGroup2,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 MetalGroup2, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for SPLP MetalGroup2,SPLP MetalGroup3,SPLP Mercury.

### **C. Analytical Techniques:**

The analysis of SPLP MetalGroup2,SPLP MetalGroup3 was based on method 6020B, digestion based on method 3010A (Water). The analysis of SPLP Mercury was based on method 7470A and digestion was based on method 7470A (Water).

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate (OU4-VSL-07-121224DUP) analysis met criteria for all samples except for Lead due to sample matrix interference.

The Matrix Spike (OU4-VSL-07-121224MS) analysis met criteria for all samples except for Cadmium, Silver and Thallium due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (OU4-VSL-07-121224MSD) analysis met criteria for all samples except for Cadmium and Silver due to Chemical Interference during Digestion Process.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

**E. Additional Comments:** This Data Package has been revised due to SPLP Metal Parameter List Change.

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.



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.

Internal standard 89Y(1) was out Side qc limit for sample P5306-02 and its Qcs, P5306-08, and P5306-10 in Original so for this sample affected parameters are reported from 10X Dilution.

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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:**

---

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

Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value     | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>U</b>  | 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.                                                                                                                                                                                                                                                                                      |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>J</b>  | Indicates an estimated value. This flag is used: <ul style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ul> |
| <b>B</b>  | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>E</b>  | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>D</b>  | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>P</b>  | 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”.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>N</b>  | 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.                                                                                                                                                                                                                                                                       |
| <b>A</b>  | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## 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 Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 01/07/2025

**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:

A

B

C

D



# SAMPLE DATA

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## 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) |
|----------------|--------------------------------|--------|-----------|---------|--------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |        |            |                   |
| 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             |

## 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |        |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |        |            |                   |
| 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

## LAB CHRONICLE

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

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
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 :          |           |        |           | 0.000         |      |     |     |     |       |
| Total Svoc :         |           |        |           |               | 0.00 |     |     |     |       |
| Total Concentration: |           |        |           |               | 0.00 |     |     |     |       |



# SAMPLE DATA

## 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) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 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          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 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

P5306

59 of 165

Revised

## 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    | Quintozone | N.D   |           |     |     |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                        |                 |               |
|--------------------|------------------------|-----------------|---------------|
| Client:            | Nobis Group            | Date Collected: | 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) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 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          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 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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Revised

## 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    | Quintozone | N.D   |           |     |     |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                        |                 |               |
|--------------------|------------------------|-----------------|---------------|
| Client:            | Nobis Group            | Date Collected: | 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) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 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          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 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

P5306

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Revised

## 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    | Quintozone | N.D   |           |     |     |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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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

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## 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) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 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          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 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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Revised

## 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    | Quintozone | N.D   |           |     |     |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                        |                 |               |
|--------------------|------------------------|-----------------|---------------|
| Client:            | Nobis Group            | Date Collected: | 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

P5306

## 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   |           |     |     |            |                   |

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## 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) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 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          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 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

P5306

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Revised

## 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

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                        |                 |               |
|--------------------|------------------------|-----------------|---------------|
| Client:            | Nobis Group            | Date Collected: | 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) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 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          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 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

P5306

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Revised

## 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    | Quintozone | N.D   |           |     |     |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                        |                 |               |
|--------------------|------------------------|-----------------|---------------|
| Client:            | Nobis Group            | Date Collected: | 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) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 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          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 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

P5306

## 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    | Quintozone | 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

## LAB CHRONICLE

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

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



Hit Summary Sheet  
SW-846

A

SDG No.: P5306

Order ID: P5306

Client: Nobis Group

Project ID: Raymark Superfund Site

B

C

| Sample ID   | Client ID | Matrix | Parameter | Concentration        | C     | MDL | LOD | RDL | Units |
|-------------|-----------|--------|-----------|----------------------|-------|-----|-----|-----|-------|
| Client ID : |           |        |           | Total Concentration: | 0.000 |     |     |     |       |

D



# SAMPLE DATA

## 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 22.4    |           | 55 - 130 |         | 112%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 22.1    |           | 42 - 129 |         | 110%       | SPK: 20           |

## 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

## 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 22.3    |           | 55 - 130 |         | 112%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 22.5    |           | 42 - 129 |         | 113%       | SPK: 20           |

## 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

## 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          |
| Sample Wt/Vol:     | 30.05                  | Units:             | g             |
| Soil Aliquot Vol:  |                        |                    | uL            |
| Extraction Type:   |                        | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                    | PH :               |               |
| Prep Method :      | SW3541B                | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 23.5    |           | 55 - 130 |         | 117%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 21.6    |           | 42 - 129 |         | 108%       | SPK: 20           |

## 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

## 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 25.5    |           | 55 - 130 |         | 128%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 21.7    |           | 42 - 129 |         | 109%       | SPK: 20           |

## 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

## 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 21.9    |           | 55 - 130 |         | 110%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 21.2    |           | 42 - 129 |         | 106%       | SPK: 20           |

## 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

## 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 21.8    |           | 55 - 130 |         | 109%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 21.6    |           | 42 - 129 |         | 108%       | SPK: 20           |

## 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  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

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

## Report of Analysis

|                    |                        |          |                    |               |           |
|--------------------|------------------------|----------|--------------------|---------------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 20.1    |           | 55 - 130 |         | 100%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 21.2    |           | 42 - 129 |         | 106%       | SPK: 20           |

## 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  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit

## Report of Analysis

|                    |                        |          |                    |               |           |
|--------------------|------------------------|----------|--------------------|---------------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 21.0    |           | 55 - 130 |         | 105%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 20.3    |           | 42 - 129 |         | 101%       | SPK: 20           |

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

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

## LAB CHRONICLE

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

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



Hit Summary Sheet  
SW-846

A

SDG No.:

P5306

Order ID:

P5306

Client:

Nobis Group

Project ID:

Raymark Superfund Site

B

C

| Sample ID   | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|-------------|-----------|--------|-----------|---------------|---|-----|-----|-----|-------|
| Client ID : |           |        |           |               |   |     |     |     |       |

D

Total Concentration: 0.000



# SAMPLE DATA

## 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     |
| 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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 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:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                        |          |                    |          |           |
|--------------------|------------------------|----------|--------------------|----------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 23.5  |           | 44 - 130 |      | 117%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.9  |           | 60 - 125 |      | 109%       | SPK: 20           |

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() = Laboratory InHouse Limit

## 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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 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:

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

## Report of Analysis

|                    |                        |          |                    |          |           |
|--------------------|------------------------|----------|--------------------|----------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 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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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                        |          |                    |          |           |
|--------------------|------------------------|----------|--------------------|----------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 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:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                        |          |                    |          |           |
|--------------------|------------------------|----------|--------------------|----------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 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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P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

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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

## 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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 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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N = Presumptive Evidence of a Compound

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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) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 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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\* = 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

## LAB CHRONICLE

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

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



Hit Summary Sheet  
SW-846

A

SDG No.: P5306

Order ID: P5306

Client: Nobis Group

Project ID: Raymark Superfund Site

B

C

| Sample ID   | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|-------------|-----------|--------|-----------|---------------|---|-----|-----|-----|-------|
| Client ID : |           |        |           |               |   |     |     |     |       |

D

Total Concentration: 0.000



# SAMPLE DATA

## 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 19719-28-9        | 2,4-DCAA          | 229   |           | 27 - 122 |       | 46%        | SPK: 500          |

### Comments:

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P = Indicates >25% difference for detected concentrations between the two GC columns  
Q = indicates LCS control criteria did not meet requirements  
M = MS/MSD acceptance criteria did not meet requirements

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

## Report of Analysis

|                    |                        |          |                    |                  |           |
|--------------------|------------------------|----------|--------------------|------------------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 19719-28-9        | 2,4-DCAA          | 396   |           | 27 - 122 |       | 79%        | SPK: 500          |

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                        |          |                    |                  |           |
|--------------------|------------------------|----------|--------------------|------------------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 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

## 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 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

## 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                        |          |                    |                  |           |
|--------------------|------------------------|----------|--------------------|------------------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 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.  
() = Laboratory InHouse Limit

## 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 19719-28-9        | 2,4-DCAA          | 295   |           | 27 - 122 |       | 59%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                        |          |                    |                  |           |
|--------------------|------------------------|----------|--------------------|------------------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    | 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) |
|-------------------|-------------------|-------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |       |            |                   |
| 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             |
| <b>SURROGATES</b> |                   |       |           |          |       |            |                   |
| 19719-28-9        | 2,4-DCAA          | 512   |           | 27 - 122 |       | 102%       | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## LAB CHRONICLE

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

| LabID           | ClientID                 | Matrix      | Test             | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------------|-------------|------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>P5306-01</b> | <b>OU4-VSL-07-121224</b> | <b>SOIL</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |             | 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  |                 |
| <b>P5306-03</b> | <b>OU4-VSL-08-121224</b> | <b>SOIL</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |             | 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  |                 |
| <b>P5306-05</b> | <b>OU4-VSL-09-121224</b> | <b>SOIL</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |             | 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  |                 |
| <b>P5306-07</b> | <b>OU4-VSL-10-121224</b> | <b>SOIL</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |             | 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  |                 |
| <b>P5306-09</b> | <b>OU4-VSL-11-121224</b> | <b>SOIL</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |             | 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  |                 |
| <b>P5306-11</b> | <b>OU4-VSL-12-121224</b> | <b>SOIL</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |             | 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  |                 |
| <b>P5306-13</b> | <b>OU4-VSL-13-121224</b> | <b>SOIL</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |             | Herbicide Group1 | 8151A  |                 | 12/20/24  | 12/26/24  |                 |

**LAB CHRONICLE**

|                 |                          |             |                  |       |          |          |                 |                 |
|-----------------|--------------------------|-------------|------------------|-------|----------|----------|-----------------|-----------------|
| <b>P5306-15</b> | <b>OU4-VSL-14-121224</b> | <b>SOIL</b> | PCB              | 8082A | 12/18/24 | 12/18/24 | <b>12/12/24</b> | <b>12/17/24</b> |
|                 |                          |             | Pesticide-TCL    | 8081B | 12/18/24 | 12/19/24 |                 |                 |
|                 |                          |             | 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 |                 |                 |
|                 |                          |             |                  |       |          |          |                 |                 |

### 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 |
|--------------------------------------|-------------------|--------|-----------|---------------|---|--------|-------|-------|-------|
| <b>Client ID : OU4-VSL-07-121224</b> |                   |        |           |               |   |        |       |       |       |
| 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 |
| <b>Client ID : OU4-VSL-08-121224</b> |                   |        |           |               |   |        |       |       |       |
| 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 |

### Hit Summary Sheet

SW-846

|                 |             |                    |                        |
|-----------------|-------------|--------------------|------------------------|
| <b>SDG No.:</b> | P5306       | <b>Order ID:</b>   | P5306                  |
| <b>Client:</b>  | Nobis Group | <b>Project ID:</b> | Raymark Superfund Site |

| Sample ID                            | Client ID         | Matrix | Parameter | Concentration | C | MDL   | LOD   | RDL  | Units |
|--------------------------------------|-------------------|--------|-----------|---------------|---|-------|-------|------|-------|
| <b>Client ID : OU4-VSL-09-121224</b> |                   |        |           |               |   |       |       |      |       |
| 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 |
| <b>Client ID : OU4-VSL-10-121224</b> |                   |        |           |               |   |       |       |      |       |
| 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 |

### Hit Summary Sheet

SW-846

|                 |             |                    |                        |
|-----------------|-------------|--------------------|------------------------|
| <b>SDG No.:</b> | P5306       | <b>Order ID:</b>   | P5306                  |
| <b>Client:</b>  | Nobis Group | <b>Project ID:</b> | Raymark Superfund Site |

| Sample ID                            | Client ID         | Matrix | Parameter | Concentration | C | MDL   | LOD   | RDL  | Units |
|--------------------------------------|-------------------|--------|-----------|---------------|---|-------|-------|------|-------|
| <b>Client ID : OU4-VSL-11-121224</b> |                   |        |           |               |   |       |       |      |       |
| 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 |
| <b>Client ID : OU4-VSL-12-121224</b> |                   |        |           |               |   |       |       |      |       |
| 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 |
| <b>Client ID : OU4-VSL-13-121224</b> |                   |        |           |               |   |       |       |      |       |
| P5306-13                             | OU4-VSL-13-121224 | SOIL   | Aluminum  | 4540          |   | 2.26  | 3.75  | 4.69 | mg/Kg |

### Hit Summary Sheet SW-846

|                 |             |                    |                        |
|-----------------|-------------|--------------------|------------------------|
| <b>SDG No.:</b> | P5306       | <b>Order ID:</b>   | P5306                  |
| <b>Client:</b>  | Nobis Group | <b>Project ID:</b> | 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 |
|----------|--------------------|------|----------|------|--|------|------|------|-------|

**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 |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-----|-------|

A

B

C

D



# SAMPLE DATA

## 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

## 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

## 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

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D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

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

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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

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D = Dilution

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\* = indicates the duplicate analysis is not within control limits.

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OR = Over Range

N = Spiked sample recovery not within control limits

## 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 |                 |            |        |

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LOQ = Limit of Quantitation

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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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\* = indicates the duplicate analysis is not within control limits.

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

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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 |                 |            |        |

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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     |
| 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 |                 |            |        |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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 |                 |            |        |

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

## LAB CHRONICLE

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

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

**LAB CHRONICLE**

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

**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 |
|--------------------------------------|-------------------|--------|-----------|---------------|----|-------|------|------|-------|
| <b>Client ID : OU4-VSL-07-121224</b> |                   |        |           |               |    |       |      |      |       |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Antimony  | 0.60          | JD | 0.28  | 0.63 | 5.00 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Arsenic   | 3.57          | D  | 0.23  | 0.63 | 2.50 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Barium    | 106           | D  | 0.75  | 3.13 | 25.0 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Beryllium | 1.85          | JD | 0.40  | 0.63 | 2.50 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Chromium  | 20.1          | D  | 1.00  | 1.88 | 5.00 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Copper    | 39.6          | D  | 1.00  | 3.75 | 5.00 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Lead      | 2.78          | D  | 0.28  | 1.88 | 2.50 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Nickel    | 68.5          | D  | 0.45  | 0.63 | 2.50 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Silver    | 0.30          | JD | 0.19  | 1.25 | 2.50 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Thallium  | 0.25          | JD | 0.21  | 1.25 | 2.50 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Vanadium  | 624           | D  | 0.18  | 0.63 | 12.5 | ug/L  |
| P5306-02                             | OU4-VSL-07-121224 | Water  | Zinc      | 620           | D  | 1.40  | 3.75 | 12.5 | ug/L  |
| <b>Client ID : OU4-VSL-08-121224</b> |                   |        |           |               |    |       |      |      |       |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Arsenic   | 4.18          | D  | 0.23  | 0.63 | 2.50 | ug/L  |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Barium    | 97.8          | D  | 0.75  | 3.13 | 25.0 | ug/L  |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Beryllium | 0.98          | JD | 0.40  | 0.63 | 2.50 | ug/L  |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Chromium  | 32.4          | D  | 1.00  | 1.88 | 5.00 | ug/L  |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Copper    | 68.3          | D  | 1.00  | 3.75 | 5.00 | ug/L  |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Lead      | 3.57          | D  | 0.28  | 1.88 | 2.50 | ug/L  |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Nickel    | 137           | D  | 0.45  | 0.63 | 2.50 | ug/L  |
| 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  |
| P5306-04                             | OU4-VSL-08-121224 | Water  | Zinc      | 743           | D  | 1.40  | 3.75 | 12.5 | ug/L  |
| <b>Client ID : OU4-VSL-09-121224</b> |                   |        |           |               |    |       |      |      |       |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Arsenic   | 4.45          | D  | 0.23  | 0.63 | 2.50 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Barium    | 106           | D  | 0.75  | 3.13 | 25.0 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Beryllium | 1.18          | JD | 0.40  | 0.63 | 2.50 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Chromium  | 10.6          | D  | 1.00  | 1.88 | 5.00 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Copper    | 9.10          | D  | 1.00  | 3.75 | 5.00 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Lead      | 1.08          | JD | 0.28  | 1.88 | 2.50 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Nickel    | 45.7          | D  | 0.45  | 0.63 | 2.50 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Vanadium  | 731           | D  | 0.18  | 0.63 | 12.5 | ug/L  |
| P5306-06                             | OU4-VSL-09-121224 | Water  | Zinc      | 585           | D  | 1.40  | 3.75 | 12.5 | ug/L  |
| <b>Client ID : OU4-VSL-10-121224</b> |                   |        |           |               |    |       |      |      |       |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Arsenic   | 2.93          | D  | 0.23  | 0.63 | 2.50 | ug/L  |

### 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 |
|--------------------------------------|-------------------|--------|-----------|---------------|----|------|------|------|-------|
| P5306-08                             | OU4-VSL-10-121224 | Water  | Barium    | 93.6          | D  | 0.75 | 3.13 | 25.0 | ug/L  |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Beryllium | 1.70          | JD | 0.40 | 0.63 | 2.50 | ug/L  |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Chromium  | 13.9          | D  | 1.00 | 1.88 | 5.00 | ug/L  |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Copper    | 33.2          | D  | 1.00 | 3.75 | 5.00 | ug/L  |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Lead      | 1.38          | JD | 0.28 | 1.88 | 2.50 | ug/L  |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Nickel    | 40.7          | D  | 0.45 | 0.63 | 2.50 | ug/L  |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Vanadium  | 542           | D  | 0.18 | 0.63 | 12.5 | ug/L  |
| P5306-08                             | OU4-VSL-10-121224 | Water  | Zinc      | 610           | D  | 1.40 | 3.75 | 12.5 | ug/L  |
| <b>Client ID : OU4-VSL-11-121224</b> |                   |        |           |               |    |      |      |      |       |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Arsenic   | 3.10          | D  | 0.23 | 0.63 | 2.50 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Barium    | 94.4          | D  | 0.75 | 3.13 | 25.0 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Beryllium | 1.63          | JD | 0.40 | 0.63 | 2.50 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Chromium  | 11.8          | D  | 1.00 | 1.88 | 5.00 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Copper    | 25.3          | D  | 1.00 | 3.75 | 5.00 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Lead      | 1.05          | JD | 0.28 | 1.88 | 2.50 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Nickel    | 38.7          | D  | 0.45 | 0.63 | 2.50 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Vanadium  | 544           | D  | 0.18 | 0.63 | 12.5 | ug/L  |
| P5306-10                             | OU4-VSL-11-121224 | Water  | Zinc      | 580           | D  | 1.40 | 3.75 | 12.5 | ug/L  |
| <b>Client ID : OU4-VSL-12-121224</b> |                   |        |           |               |    |      |      |      |       |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Arsenic   | 3.98          | D  | 0.23 | 0.63 | 2.50 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Barium    | 83.2          | D  | 0.75 | 3.13 | 25.0 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Beryllium | 0.43          | JD | 0.40 | 0.63 | 2.50 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Chromium  | 40.4          | D  | 1.00 | 1.88 | 5.00 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Copper    | 78.4          | D  | 1.00 | 3.75 | 5.00 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Lead      | 3.38          | D  | 0.28 | 1.88 | 2.50 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Nickel    | 180           | D  | 0.45 | 0.63 | 2.50 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Vanadium  | 696           | D  | 0.18 | 0.63 | 12.5 | ug/L  |
| P5306-12                             | OU4-VSL-12-121224 | Water  | Zinc      | 747           | D  | 1.40 | 3.75 | 12.5 | ug/L  |
| <b>Client ID : OU4-VSL-13-121224</b> |                   |        |           |               |    |      |      |      |       |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Arsenic   | 4.53          | D  | 0.23 | 0.63 | 2.50 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Barium    | 90.1          | D  | 0.75 | 3.13 | 25.0 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Beryllium | 0.57          | JD | 0.40 | 0.63 | 2.50 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Chromium  | 36.7          | D  | 1.00 | 1.88 | 5.00 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Copper    | 69.6          | D  | 1.00 | 3.75 | 5.00 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Lead      | 2.53          | D  | 0.28 | 1.88 | 2.50 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Nickel    | 160           | D  | 0.45 | 0.63 | 2.50 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Vanadium  | 676           | D  | 0.18 | 0.63 | 12.5 | ug/L  |
| P5306-14                             | OU4-VSL-13-121224 | Water  | Zinc      | 722           | D  | 1.40 | 3.75 | 12.5 | ug/L  |

**Hit Summary Sheet**  
**SW-846**

|                 |             |                    |                        |
|-----------------|-------------|--------------------|------------------------|
| <b>SDG No.:</b> | P5306       | <b>Order ID:</b>   | P5306                  |
| <b>Client:</b>  | Nobis Group | <b>Project ID:</b> | Raymark Superfund Site |

| Sample ID                             | Client ID          | Matrix | Parameter | Concentration | C  | MDL  | LOD  | RDL  | Units |
|---------------------------------------|--------------------|--------|-----------|---------------|----|------|------|------|-------|
| <b>Client ID : OU4-VSL-14-121224</b>  |                    |        |           |               |    |      |      |      |       |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Antimony  | 1.23          | JD | 0.28 | 0.63 | 5.00 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Arsenic   | 3.75          | D  | 0.23 | 0.63 | 2.50 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Barium    | 89.3          | D  | 0.75 | 3.13 | 25.0 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Beryllium | 0.55          | JD | 0.40 | 0.63 | 2.50 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Chromium  | 40.9          | D  | 1.00 | 1.88 | 5.00 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Copper    | 77.1          | D  | 1.00 | 3.75 | 5.00 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Lead      | 5.05          | D  | 0.28 | 1.88 | 2.50 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Nickel    | 167           | D  | 0.45 | 0.63 | 2.50 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Vanadium  | 671           | D  | 0.18 | 0.63 | 12.5 | ug/L  |
| P5306-16                              | OU4-VSL-14-121224  | Water  | Zinc      | 729           | D  | 1.40 | 3.75 | 12.5 | ug/L  |
| <b>Client ID : OU4-VSL-06R-121224</b> |                    |        |           |               |    |      |      |      |       |
| P5306-18                              | OU4-VSL-06R-121224 | Water  | Vanadium  | 628           | D  | 0.18 | 0.63 | 12.5 | ug/L  |



# SAMPLE DATA

## 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 0.60  | JD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 3.57  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 106   | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 1.85  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN  | 5  | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 20.1  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 39.6  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 2.78  | D*   | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 68.5  | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 22.5  | UD   | 10 | 6.90  | 22.5 | 25.0       | ug/L  | 12/18/24 12:00 | 12/27/24 15:57 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 0.30  | JDN  | 5  | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 0.25  | JDN  | 5  | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:02 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 620   | D    | 5  | 1.40  | 3.75 | 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

## 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 0.63  | UD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 4.18  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 97.8  | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 0.98  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN  | 5  | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 32.4  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 68.3  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 3.57  | D*   | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 137   | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 11.3  | UD   | 5  | 3.45  | 11.3 | 12.5       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 1.25  | UDN  | 5  | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 1.25  | UDN  | 5  | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:27 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 743   | D    | 5  | 1.40  | 3.75 | 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 |                 |       |            |

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

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

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 0.63  | UD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 4.45  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 106   | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 1.18  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN5 |    | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 10.6  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 9.10  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 1.08  | JD*  | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 45.7  | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 11.3  | UD   | 5  | 3.45  | 11.3 | 12.5       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 1.25  | UDN5 |    | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 1.25  | UDN5 |    | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:30 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 585   | D    | 5  | 1.40  | 3.75 | 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

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

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

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 0.63  | UD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 2.93  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 93.6  | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 1.70  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN5 |    | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 13.9  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 33.2  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 1.38  | JD*  | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 40.7  | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 22.5  | UD   | 10 | 6.90  | 22.5 | 25.0       | ug/L  | 12/18/24 12:00 | 12/27/24 16:16 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 1.25  | UDN5 |    | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 1.25  | UDN5 |    | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:33 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 610   | D    | 5  | 1.40  | 3.75 | 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  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements

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

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 0.63  | UD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 3.10  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 94.4  | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 1.63  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN5 |    | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 11.8  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 25.3  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 1.05  | JD*  | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 38.7  | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 22.5  | UD   | 10 | 6.90  | 22.5 | 25.0       | ug/L  | 12/18/24 12:00 | 12/27/24 16:19 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 1.25  | UDN5 |    | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 1.25  | UDN5 |    | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:36 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 580   | D    | 5  | 1.40  | 3.75 | 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  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements

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

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 0.63  | UD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 3.98  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 83.2  | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 0.43  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN  | 5  | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 40.4  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 78.4  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 3.38  | D*   | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 180   | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 11.3  | UD   | 5  | 3.45  | 11.3 | 12.5       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 1.25  | UDN  | 5  | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 1.25  | UDN  | 5  | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:39 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 747   | D    | 5  | 1.40  | 3.75 | 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  
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MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements

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

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Nobis Group            | Date Collected: | 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 0.63  | UD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 4.53  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 90.1  | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 0.57  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN5 |    | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 36.7  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 69.6  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 2.53  | D*   | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 160   | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 11.3  | UD   | 5  | 3.45  | 11.3 | 12.5       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 1.25  | UDN5 |    | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 1.25  | UDN5 |    | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:43 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 722   | D    | 5  | 1.40  | 3.75 | 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.  
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OR = Over Range  
N =Spiked sample recovery not within control limits

## 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. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 1.23  | JD   | 5  | 0.28  | 0.63 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 3.75  | D    | 5  | 0.23  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 89.3  | D    | 5  | 0.75  | 3.13 | 25.0       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 0.55  | JD   | 5  | 0.40  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 1.25  | UDN5 |    | 0.75  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 40.9  | D    | 5  | 1.00  | 1.88 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 77.1  | D    | 5  | 1.00  | 3.75 | 5.00       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 5.05  | D*   | 5  | 0.28  | 1.88 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 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  |           |
| 7440-02-0 | Nickel    | 167   | D    | 5  | 0.45  | 0.63 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 11.3  | UD   | 5  | 3.45  | 11.3 | 12.5       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 1.25  | UDN5 |    | 0.19  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 1.25  | UDN5 |    | 0.21  | 1.25 | 2.50       | ug/L  | 12/18/24 12:00 | 12/23/24 13:46 | SW6020   | 3010A     |
| 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     |
| 7440-66-6 | Zinc      | 729   | D    | 5  | 1.40  | 3.75 | 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  
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LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements

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B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
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N =Spiked sample recovery not within control limits

## 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: | Colorless        | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless        | Clarity After:  | Clear | Artifacts: |
| Comments:     | SPLP MetalGroup2 |                 |       |            |

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

## LAB CHRONICLE

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

| LabID           | ClientID                 | Matrix       | Test             | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------------|--------------|------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>P5306-01</b> | <b>OU4-VSL-07-121224</b> | <b>SOIL</b>  |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | Mercury          | 7471B  |                 | 12/18/24  | 12/18/24  |                 |
|                 |                          |              | Metals ICP-TAL   | 6010D  |                 | 12/17/24  | 12/18/24  |                 |
| <b>P5306-02</b> | <b>OU4-VSL-07-121224</b> | <b>Water</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | SPLP Mercury     | 7470A  |                 | 12/19/24  | 12/19/24  |                 |
|                 |                          |              | SPLP MetalGroup3 | 6020B  |                 | 12/18/24  | 12/23/24  |                 |
|                 |                          |              | SPLP MetalGroup3 | 6020B  |                 | 12/18/24  | 12/27/24  |                 |
| <b>P5306-03</b> | <b>OU4-VSL-08-121224</b> | <b>SOIL</b>  |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | Mercury          | 7471B  |                 | 12/18/24  | 12/18/24  |                 |
|                 |                          |              | Metals ICP-TAL   | 6010D  |                 | 12/17/24  | 12/18/24  |                 |
| <b>P5306-04</b> | <b>OU4-VSL-08-121224</b> | <b>Water</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | SPLP Mercury     | 7470A  |                 | 12/19/24  | 12/19/24  |                 |
|                 |                          |              | SPLP MetalGroup3 | 6020B  |                 | 12/18/24  | 12/23/24  |                 |
| <b>P5306-05</b> | <b>OU4-VSL-09-121224</b> | <b>SOIL</b>  |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | Mercury          | 7471B  |                 | 12/18/24  | 12/18/24  |                 |
|                 |                          |              | Metals ICP-TAL   | 6010D  |                 | 12/17/24  | 12/18/24  |                 |
| <b>P5306-06</b> | <b>OU4-VSL-09-121224</b> | <b>Water</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | SPLP Mercury     | 7470A  |                 | 12/19/24  | 12/19/24  |                 |
|                 |                          |              | SPLP MetalGroup3 | 6020B  |                 | 12/18/24  | 12/23/24  |                 |
| <b>P5306-07</b> | <b>OU4-VSL-10-121224</b> | <b>SOIL</b>  |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | Mercury          | 7471B  |                 | 12/18/24  | 12/18/24  |                 |
|                 |                          |              | Metals ICP-TAL   | 6010D  |                 | 12/17/24  | 12/18/24  |                 |
| <b>P5306-08</b> | <b>OU4-VSL-10-121224</b> | <b>Water</b> |                  |        | <b>12/12/24</b> |           |           | <b>12/17/24</b> |
|                 |                          |              | SPLP Mercury     | 7470A  |                 | 12/19/24  | 12/19/24  |                 |
|                 |                          |              | SPLP MetalGroup3 | 6020B  |                 | 12/18/24  | 12/23/24  |                 |

### LAB CHRONICLE

|                 |                           |              |                  |       |                 |          |                 |
|-----------------|---------------------------|--------------|------------------|-------|-----------------|----------|-----------------|
|                 |                           |              | SPLP MetalGroup3 | 6020B | 12/18/24        | 12/27/24 |                 |
| <b>P5306-09</b> | <b>OU4-VSL-11-121224</b>  | <b>SOIL</b>  |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | Mercury          | 7471B | 12/18/24        | 12/18/24 |                 |
|                 |                           |              | Metals ICP-TAL   | 6010D | 12/17/24        | 12/18/24 |                 |
| <b>P5306-10</b> | <b>OU4-VSL-11-121224</b>  | <b>Water</b> |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | SPLP Mercury     | 7470A | 12/19/24        | 12/19/24 |                 |
|                 |                           |              | SPLP MetalGroup3 | 6020B | 12/18/24        | 12/23/24 |                 |
|                 |                           |              | SPLP MetalGroup3 | 6020B | 12/18/24        | 12/27/24 |                 |
| <b>P5306-11</b> | <b>OU4-VSL-12-121224</b>  | <b>SOIL</b>  |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | Mercury          | 7471B | 12/18/24        | 12/18/24 |                 |
|                 |                           |              | Metals ICP-TAL   | 6010D | 12/17/24        | 12/18/24 |                 |
| <b>P5306-12</b> | <b>OU4-VSL-12-121224</b>  | <b>Water</b> |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | SPLP Mercury     | 7470A | 12/19/24        | 12/19/24 |                 |
|                 |                           |              | SPLP MetalGroup3 | 6020B | 12/18/24        | 12/23/24 |                 |
| <b>P5306-13</b> | <b>OU4-VSL-13-121224</b>  | <b>SOIL</b>  |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | Mercury          | 7471B | 12/18/24        | 12/18/24 |                 |
|                 |                           |              | Metals ICP-TAL   | 6010D | 12/17/24        | 12/18/24 |                 |
| <b>P5306-14</b> | <b>OU4-VSL-13-121224</b>  | <b>Water</b> |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | SPLP Mercury     | 7470A | 12/19/24        | 12/19/24 |                 |
|                 |                           |              | SPLP MetalGroup3 | 6020B | 12/18/24        | 12/23/24 |                 |
| <b>P5306-15</b> | <b>OU4-VSL-14-121224</b>  | <b>SOIL</b>  |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | Mercury          | 7471B | 12/18/24        | 12/18/24 |                 |
|                 |                           |              | Metals ICP-TAL   | 6010D | 12/17/24        | 12/18/24 |                 |
| <b>P5306-16</b> | <b>OU4-VSL-14-121224</b>  | <b>Water</b> |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | SPLP Mercury     | 7470A | 12/19/24        | 12/19/24 |                 |
|                 |                           |              | SPLP MetalGroup3 | 6020B | 12/18/24        | 12/23/24 |                 |
| <b>P5306-17</b> | <b>OU4-VSL-06R-121224</b> | <b>SOIL</b>  |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | Metals Group6    | 6010D | 12/17/24        | 12/23/24 |                 |
| <b>P5306-18</b> | <b>OU4-VSL-06R-121224</b> | <b>Water</b> |                  |       | <b>12/12/24</b> |          | <b>12/17/24</b> |
|                 |                           |              | SPLP MetalGroup2 | 6020B | 12/18/24        | 12/23/24 |                 |



# SAMPLE DATA

## 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

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

## Report of Analysis

|                   |                        |                 |                |
|-------------------|------------------------|-----------------|----------------|
| Client:           | Nobis Group            | Date Collected: | 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  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements  
H = Sample Analysis Out Of Hold Time

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

## Report of Analysis

|                   |                        |                 |                |
|-------------------|------------------------|-----------------|----------------|
| Client:           | Nobis Group            | Date Collected: | 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

## 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

## 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

## 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

## 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

## LAB CHRONICLE

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

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

LAB CHRONICLE

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



# SHIPPING DOCUMENTS



**Laboratory Certification**

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

## LOGIN REPORT/SAMPLE TRANSFER

|                                   |        |                                                 |                              |
|-----------------------------------|--------|-------------------------------------------------|------------------------------|
| <b>Order ID :</b> P5306           | NOBI03 | <b>Order Date :</b> 12/17/2024 10:24:00 AM      | <b>Project Mgr :</b>         |
| <b>Client Name :</b> Nobis Group  |        | <b>Project Name :</b> Raymark Superfund Site    | <b>Report Type :</b> Level 4 |
| <b>Client Contact :</b> Adam Roy  |        | <b>Receive DateTime :</b> 12/17/2024 9:50:00 AM | <b>EDD Type :</b> EQUIS      |
| <b>Invoice Name :</b> Nobis Group |        | <b>Purchase Order :</b>                         | <b>Hard Copy Date :</b>      |
| <b>Invoice Contact :</b> Adam Roy |        |                                                 | <b>Date Signoff :</b>        |

| 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  | <del>11:15</del><br>11:10 |              |            |        |              |           |

## 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 |

**Relinquished By :**

**Date / Time :** 12-17-24 1230

**Received By :**

**Date / Time :** 12-17-24 12:30

**Storage Area :** VOA Refridgerator Room