



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					
Total Voc :									
Total Concentration:									

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020652.D	1		12/19/24 14:02	VY121924

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

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
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Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020652.D	1		12/19/24 14:02	VY121924

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020677.D	1		12/20/24 17:39	VY122024

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

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
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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 :			

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VY020677.D	1		12/20/24 17:39	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00058	0.0025	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	UQ	0.0015	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00080	0.0025	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00077	0.0025	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00079	0.0025	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.9		71 - 136		120%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		78 - 119		95%	SPK: 50
2037-26-5	Toluene-d8	67.5	*	85 - 116		135%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		79 - 119		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	142000	7.707				
540-36-3	1,4-Difluorobenzene	254000	8.615				
3114-55-4	Chlorobenzene-d5	261000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	106000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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A = Aldol-Condensation Reaction Products

Report of Analysis

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Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.1
Sample Wt/Vol:	6.04 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020678.D	1		12/20/24 18:02	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00095	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00093	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0048	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00084	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00098	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0046	0.012	0.023	mg/Kg
67-64-1	Acetone	0.018	U	0.0057	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0031	0.0074	0.0092	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0052	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00051	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0040	0.012	0.023	mg/Kg

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	63.0		71 - 136		126%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	55.4		85 - 116		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168000	7.707				
540-36-3	1,4-Difluorobenzene	308000	8.616				
3114-55-4	Chlorobenzene-d5	271000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	109000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95
Sample Wt/Vol:	5.3 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020680.D	1		12/20/24 18:49	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00076	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0052	0.012	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00090	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0050	0.012	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0079	U	0.0034	0.0079	0.0099	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00083	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0056	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00071	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0043	0.012	0.025	mg/Kg

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.6		71 - 136		123%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	55.6		85 - 116		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	164000	7.707				
540-36-3	1,4-Difluorobenzene	303000	8.616				
3114-55-4	Chlorobenzene-d5	266000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	109000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	3.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020656.D	1		12/19/24 15:36	VY121924

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

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.0		71 - 136		124%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	58.7	*	85 - 116		117%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		79 - 119		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	184000	7.707				
540-36-3	1,4-Difluorobenzene	323000	8.616				
3114-55-4	Chlorobenzene-d5	277000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	112000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	5.23 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020681.D	1		12/20/24 19:13	VY122024

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

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.4		71 - 136		105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	52.5		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	31.9	*	79 - 119		64%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	29000	7.707				
540-36-3	1,4-Difluorobenzene	44300	8.615				
3114-55-4	Chlorobenzene-d5	33600	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	10200	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020700.D	1		12/23/24 18:38	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00095	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00093	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0048	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00084	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00099	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0046	0.012	0.023	mg/Kg
67-64-1	Acetone	0.019	U	0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0032	0.0074	0.0093	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0053	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0040	0.012	0.023	mg/Kg

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	66.1		71 - 136		132%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	58.1		85 - 116		116%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	94700	7.719				
540-36-3	1,4-Difluorobenzene	150000	8.622				
3114-55-4	Chlorobenzene-d5	129000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	55300	13.353				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	5.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020658.D	1		12/19/24 16:23	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0053	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00091	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0063	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0080	U	0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.025	mg/Kg

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.2		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	58.3	*	85 - 116		117%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		79 - 119		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	181000	7.713				
540-36-3	1,4-Difluorobenzene	321000	8.616				
3114-55-4	Chlorobenzene-d5	275000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	108000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.08 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020679.D	1		12/20/24 18:26	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00070	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00094	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00092	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0048	0.011	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00083	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00098	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0046	0.011	0.023	mg/Kg
67-64-1	Acetone	0.018	U	0.0057	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0073	U	0.0031	0.0073	0.0091	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0052	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00079	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00061	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00051	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0040	0.011	0.023	mg/Kg

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	28.1	*	71 - 136		56%	SPK: 50
1868-53-7	Dibromofluoromethane	44.6		78 - 119		89%	SPK: 50
2037-26-5	Toluene-d8	45.0		85 - 116		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	14.7	*	79 - 119		29%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	13300	7.707				
540-36-3	1,4-Difluorobenzene	17500	8.615				
3114-55-4	Chlorobenzene-d5	9410	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	1300	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.9
Sample Wt/Vol:	4.9 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020701.D	1		12/23/24 19:01	VY122324

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

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
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	64.5		71 - 136		129%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	57.4		85 - 116		115%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		79 - 119		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	94800	7.719				
540-36-3	1,4-Difluorobenzene	153000	8.622				
3114-55-4	Chlorobenzene-d5	128000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	54200	13.353				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

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

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



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

A
B
C
D

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

A

B

C

D

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)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.095	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.089	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.094	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.092	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.093	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.091	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.087	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.086	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.088	0.14	0.19	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	64.0		37 - 122	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.6		44 - 115	63%	SPK: 100
1718-51-0	Terphenyl-d14	55.8		54 - 127	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	48100	6.845
1146-65-2	Naphthalene-d8	183000	8.128
15067-26-2	Acenaphthene-d10	108000	9.881
1517-22-2	Phenanthrene-d10	206000	11.375
1719-03-5	Chrysene-d12	166000	14.027
1520-96-3	Perylene-d12	128000	15.521

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

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

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.095	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.089	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.094	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.092	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.093	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.091	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.088	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.086	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.088	0.14	0.19	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	106		37 - 122		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.8		44 - 115		97%	SPK: 100
1718-51-0	Terphenyl-d14	105		54 - 127		105%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	51300	6.845
1146-65-2	Naphthalene-d8	205000	8.128
15067-26-2	Acenaphthene-d10	122000	9.88
1517-22-2	Phenanthrene-d10	232000	11.374
1719-03-5	Chrysene-d12	149000	14.027
1520-96-3	Perylene-d12	129000	15.521

TENTATIVE IDENTIFIED COMPOUNDS

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

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.096	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.090	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.095	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.093	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.094	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.092	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.088	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.092	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.087	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.089	0.14	0.19	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	111		37 - 122	111%	SPK: 100
321-60-8	2-Fluorobiphenyl	107		44 - 115	107%	SPK: 100
1718-51-0	Terphenyl-d14	91.5		54 - 127	91%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	47900	6.845
1146-65-2	Naphthalene-d8	188000	8.128
15067-26-2	Acenaphthene-d10	108000	9.88
1517-22-2	Phenanthrene-d10	210000	11.374
1719-03-5	Chrysene-d12	160000	14.027
1520-96-3	Perylene-d12	119000	15.521

TENTATIVE IDENTIFIED COMPOUNDS

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

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:	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)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.087	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.087	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.091	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.085	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.090	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.088	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.089	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.086	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.087	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.085	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.084	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.085	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.087	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.098	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.082	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.085	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.084	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	105		37 - 122	105%	SPK: 100
321-60-8	2-Fluorobiphenyl	107		44 - 115	107%	SPK: 100
1718-51-0	Terphenyl-d14	102		54 - 127	102%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	49600	6.846
1146-65-2	Naphthalene-d8	194000	8.128
15067-26-2	Acenaphthene-d10	109000	9.881
1517-22-2	Phenanthrene-d10	209000	11.375
1719-03-5	Chrysene-d12	160000	14.027
1520-96-3	Perylene-d12	129000	15.516

TENTATIVE IDENTIFIED COMPOUNDS

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)
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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

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	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-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)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.091	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.095	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.089	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.094	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.092	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.093	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.091	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.087	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.086	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.088	0.14	0.19	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	103		37 - 122		103%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.0		44 - 115		95%	SPK: 100
1718-51-0	Terphenyl-d14	89.1		54 - 127		89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	54400	6.845
1146-65-2	Naphthalene-d8	210000	8.128
15067-26-2	Acenaphthene-d10	120000	9.886
1517-22-2	Phenanthrene-d10	211000	11.375
1719-03-5	Chrysene-d12	164000	14.027
1520-96-3	Perylene-d12	119000	15.527

TENTATIVE IDENTIFIED COMPOUNDS

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
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000
		Test:	SVOCMS Group3
		GPC Cleanup :	N
		PH :	

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	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-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)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.096	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.090	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.095	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.093	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.094	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.092	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.088	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.092	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.087	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.089	0.14	0.19	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	101	37 - 122	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.7	44 - 115	92%	SPK: 100
1718-51-0	Terphenyl-d14	89.0	54 - 127	89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	53900	6.845
1146-65-2	Naphthalene-d8	215000	8.128
15067-26-2	Acenaphthene-d10	123000	9.886
1517-22-2	Phenanthrene-d10	223000	11.374
1719-03-5	Chrysene-d12	168000	14.033
1520-96-3	Perylene-d12	139000	15.545

TENTATIVE IDENTIFIED COMPOUNDS

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)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.086	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.086	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.090	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.085	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.089	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.088	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.085	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.087	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.084	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.083	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.085	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.086	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.097	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.081	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.085	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.084	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	109		37 - 122	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	109		44 - 115	109%	SPK: 100
1718-51-0	Terphenyl-d14	108		54 - 127	108%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	50500	6.845
1146-65-2	Naphthalene-d8	205000	8.128
15067-26-2	Acenaphthene-d10	120000	9.88
1517-22-2	Phenanthrene-d10	234000	11.374
1719-03-5	Chrysene-d12	182000	14.039
1520-96-3	Perylene-d12	129000	15.557

TENTATIVE IDENTIFIED COMPOUNDS

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

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

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



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

Hit Summary Sheet
SW-846

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

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

Total Concentration: 0.000



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-07-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	90.8	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093421.D	1	12/18/24 08:10	12/18/24 16:58	PB165704

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

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
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

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

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
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

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

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
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Comments:

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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-10-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093436.D	1	12/18/24 08:10	12/19/24 15:47	PB165704

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

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
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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-11-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-09		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.6	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093437.D	1	12/18/24 08:10	12/19/24 16:00	PB165704

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

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
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Comments:

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Report of Analysis

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

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

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

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
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Report of Analysis

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

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

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
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-14-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-15		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95.9	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093440.D	1	12/18/24 08:10	12/19/24 16:40	PB165704

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

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
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Comments:

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() = Laboratory InHouse Limit

LAB CHRONICLE

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

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



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

Hit Summary Sheet
SW-846

SDG No.: P5306

Order ID: P5306

Client: Nobis Group

Project ID: Raymark Superfund Site

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

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-07-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	90.8	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108631.D	1	12/18/24 08:10	12/18/24 18:08	PB165703

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

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

Comments:

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Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-09-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-05		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	90.1	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108640.D	1	12/18/24 08:10	12/18/24 21:35	PB165703

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

Comments:

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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-10-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-07		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	95	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108641.D	1	12/18/24 08:10	12/18/24 21:54	PB165703

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

Comments:

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Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-11-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-09		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	93.6	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108642.D	1	12/18/24 08:10	12/18/24 22:12	PB165703

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

Comments:

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

Comments:

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:	SW8082A	% Solid:	90
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108644.D	1	12/18/24 08:10	12/18/24 22:49	PB165703

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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:	SW8082A		% Solid:	95.9	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108645.D	1	12/18/24 08:10	12/18/24 23:07	PB165703

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

Comments:

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B = Analyte Found in Associated Method Blank

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LAB CHRONICLE

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

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



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

Hit Summary Sheet
SW-846

SDG No.:

P5306

Order ID:

P5306

Client:

Nobis Group

Project ID:

Raymark Superfund Site

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



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-07-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-01		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	90.8	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028801.D	1	12/20/24 08:20	12/23/24 16:58	PB165776

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

Comments:

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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)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	396		27 - 122		79%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

Comments:

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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-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	95
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide Group1
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028804.D	1	12/20/24 08:20	12/23/24 18:10	PB165776

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

Comments:

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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:	SW8151A		% Solid:	93.6	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

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

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

Comments:

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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:	SW8151A		% Solid:	90.8	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028806.D	1	12/20/24 08:20	12/23/24 18:57	PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	373		27 - 122		75%	SPK: 500

Comments:

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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

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

Comments:

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

Comments:

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

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

LAB CHRONICLE

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

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

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

Hit Summary Sheet SW-846

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

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

Hit Summary Sheet
SW-846

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

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

Hit Summary Sheet
SW-846

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

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

Hit Summary Sheet
SW-846

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

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

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
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SAMPLE DATA

A

B

C

D

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

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:	P5306-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	95

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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:	P5306-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.6

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

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

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-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

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

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

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 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-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

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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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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-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
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 D = Dilution
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 N =Spiked sample recovery not within control limits

LAB CHRONICLE

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

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

LAB CHRONICLE

Metals Group6	6010D	12/17/24	12/23/24
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Hit Summary Sheet
SW-846

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-07-121224									
P5306-02	OU4-VSL-07-121224	Water	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
Client ID : OU4-VSL-08-121224									
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
Client ID : OU4-VSL-09-121224									
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
Client ID : OU4-VSL-10-121224									
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
Client ID : OU4-VSL-11-121224									
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
Client ID : OU4-VSL-12-121224									
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
Client ID : OU4-VSL-13-121224									
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

SDG No.: P5306

Order ID: P5306

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-14-121224									
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
Client ID : OU4-VSL-06R-121224									
P5306-18	OU4-VSL-06R-121224	Water	Vanadium	628	D	0.18	0.63	12.5	ug/L



SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-02	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	UDN5		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	UDN5		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	UDN5		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	UDN5		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			

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 B = Analyte Found in Associated Method Blank
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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-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			

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
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			

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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:	P5306-12	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			

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Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-14	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			

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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:	P5306-16	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			

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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
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 LOD = Limit of Detection
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 N =Spiked sample recovery not within control limits

LAB CHRONICLE

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

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

LAB CHRONICLE

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

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

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

LAB CHRONICLE

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