

Hit Summary Sheet
SW-846

SDG No.: Q1382
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID: Q1382-09	OU4-PCS-TC-05-021725 OU4-PCS-TC-05-0% SOIL		Acetone	0.037		0.0058	0.019	0.023	mg/Kg
			Total Voc :	0.037					
			Total Concentration:	0.037					
Client ID: Q1382-11	OU4-PCS-TC-06-021725 OU4-PCS-TC-06-0% SOIL		Acetone	0.044		0.0057	0.018	0.023	mg/Kg
			Total Voc :	0.044					
			Total Concentration:	0.044					
Client ID: Q1382-13	OU4-PCS-TC-07-021725 OU4-PCS-TC-07-0% SOIL		Acetone	0.068		0.0056	0.018	0.023	mg/Kg
			Total Voc :	0.068					
			Total Concentration:	0.068					
Client ID: Q1382-15	OU4-PCS-TC-08-021725 OU4-PCS-TC-08-0% SOIL		Acetone	0.047		0.0058	0.019	0.023	mg/Kg
			Total Voc :	0.047					
			Total Concentration:	0.047					
Client ID: Q1382-17	OU4-PCS-TC-09-021725 OU4-PCS-TC-09-0% SOIL		Acetone	0.049		0.0058	0.019	0.023	mg/Kg
			Total Voc :	0.049					
			Total Concentration:	0.049					
Client ID: Q1382-19	OU4-PCS-TC-10-021725 OU4-PCS-TC-10-0% SOIL		Acetone	0.025		0.0056	0.018	0.023	mg/Kg
			Total Voc :	0.025					
			Total Concentration:	0.025					



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-01-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.9	
Sample Wt/Vol:	5.51	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
VY021242.D	1		02/19/25 17:22	VY021925

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	UQ	0.0011	0.0025	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0025	UQ	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	UQ	0.0010	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	0.00090	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	0.0062	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	0.0099	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.9
Sample Wt/Vol:	5.51 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
VY021242.D	1		02/19/25 17:22	VY021925

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	U	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	U	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	0.0099	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	0.0014	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-01-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.9	
Sample Wt/Vol:	5.51	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
VY021242.D	1		02/19/25 17:22	VY021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00062	0.0025	0.0049	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00058	0.0025	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	U	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	52.0		71 - 136		104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.5		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		79 - 119		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	215000	7.72				
540-36-3	1,4-Difluorobenzene	410000	8.622				
3114-55-4	Chlorobenzene-d5	372000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	144000	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.7
Sample Wt/Vol:	5.59 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
VY021243.D	1		02/19/25 17:45	VY021925

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	0.0024	UQ	0.0011	0.0024	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0024	UQ	0.00075	0.0024	0.0049	mg/Kg
74-83-9	Bromomethane	0.0039	U	0.0010	0.0039	0.0049	mg/Kg
75-00-3	Chloroethane	0.0024	UQ	0.00099	0.0024	0.0049	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0051	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.00089	0.0039	0.0049	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0049	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	0.024	mg/Kg
67-64-1	Acetone	0.020	U	0.0061	0.020	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0012	0.0039	0.0049	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
75-09-2	Methylene Chloride	0.0078	U	0.0033	0.0078	0.0098	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0055	0.020	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00085	0.0024	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	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00065	0.0039	0.0049	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00071	0.0024	0.0049	mg/Kg
71-43-2	Benzene	0.0024	U	0.00070	0.0024	0.0049	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00073	0.0024	0.0049	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00064	0.0024	0.0049	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00055	0.0024	0.0049	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0042	0.012	0.024	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.7
Sample Wt/Vol:	5.59 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
VY021243.D	1		02/19/25 17:45	VY021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00056	0.0024	0.0049	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0047	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00087	0.0024	0.0049	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00060	0.0024	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	0.0073	U	0.0020	0.0073	0.015	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00068	0.0024	0.0049	mg/Kg
100-42-5	Styrene	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0011	0.0024	0.0049	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0039	U	0.0011	0.0039	0.0049	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0049	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-02-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.7	
Sample Wt/Vol:	5.59	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
VY021243.D	1		02/19/25 17:45	VY021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	U	0.0015	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.1		71 - 136		114%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.5		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	210000	7.719				
540-36-3	1,4-Difluorobenzene	406000	8.622				
3114-55-4	Chlorobenzene-d5	372000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.352				

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	5.42 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021244.D	1		02/19/25 18:09	VY021925

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	UQ	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	UQ	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	UQ	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0052	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	0.0062	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	0.0080	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	0.0043	0.013	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	5.42 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021244.D	1		02/19/25 18:09	VY021925

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	0.0013	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0020	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00070	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-03-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-05		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.4	
Sample Wt/Vol:	5.42	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021244.D	1		02/19/25 18:09	VY021925

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	61.1		71 - 136		122%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.8		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	207000	7.713				
540-36-3	1,4-Difluorobenzene	398000	8.622				
3114-55-4	Chlorobenzene-d5	367000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	147000	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.57 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
VY021290.D	1		02/21/25 16:57	VY022125

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	0.0024	UQ	0.0011	0.0024	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0024	UQ	0.00075	0.0024	0.0049	mg/Kg
74-83-9	Bromomethane	0.0039	U	0.0010	0.0039	0.0049	mg/Kg
75-00-3	Chloroethane	0.0024	UQ	0.00098	0.0024	0.0049	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0051	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.00088	0.0039	0.0049	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0049	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	0.024	mg/Kg
67-64-1	Acetone	0.019	U	0.0061	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0012	0.0039	0.0049	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
75-09-2	Methylene Chloride	0.0078	U	0.0033	0.0078	0.0097	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0055	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00084	0.0024	0.0049	mg/Kg
594-20-7	2,2-Dichloropropane	0.0039	U	0.0015	0.0039	0.0049	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00065	0.0039	0.0049	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00071	0.0024	0.0049	mg/Kg
71-43-2	Benzene	0.0024	U	0.00070	0.0024	0.0049	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00059	0.0024	0.0049	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00073	0.0024	0.0049	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00064	0.0024	0.0049	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00054	0.0024	0.0049	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0042	0.012	0.024	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.57 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
VY021290.D	1		02/21/25 16:57	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00055	0.0024	0.0049	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00082	0.0024	0.0049	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0046	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00086	0.0024	0.0049	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
179601-23-1	m/p-Xylenes	0.0049	U	0.0013	0.0049	0.0097	mg/Kg
1330-20-7	Total Xylenes	0.0073	U	0.0020	0.0073	0.015	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00068	0.0024	0.0049	mg/Kg
100-42-5	Styrene	0.0024	U	0.00058	0.0024	0.0049	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0011	0.0024	0.0049	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0039	U	0.0011	0.0039	0.0049	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00062	0.0024	0.0049	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0049	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00056	0.0024	0.0049	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00072	0.0024	0.0049	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.57 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
VY021290.D	1		02/21/25 16:57	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00061	0.0024	0.0049	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00057	0.0024	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	U	0.0015	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00078	0.0024	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	63.6		71 - 136		127%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	51.3		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	166000	7.713				
540-36-3	1,4-Difluorobenzene	324000	8.622				
3114-55-4	Chlorobenzene-d5	308000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	125000	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-05-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-09		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92	
Sample Wt/Vol:	5.88	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
VY021291.D	1		02/21/25 17:21	VY022125

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	UQ	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	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	UQ	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	0.037		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	0.0092	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	0.0052	0.019	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	0.00067	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-05-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-09		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92	
Sample Wt/Vol:	5.88	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
VY021291.D	1		02/21/25 17:21	VY022125

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	0.00055	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	0.0092	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0019	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00065	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	0.00075	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-05-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-09		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92	
Sample Wt/Vol:	5.88	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
VY021291.D	1		02/21/25 17:21	VY022125

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	61.5		71 - 136		123%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	51.2		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	167000	7.713				
540-36-3	1,4-Difluorobenzene	319000	8.621				
3114-55-4	Chlorobenzene-d5	307000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.352				

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-06-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-11		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.2	
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
VY021292.D	1		02/21/25 17:44	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0036	U	0.0015	0.0036	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	UQ	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	0.00070	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0036	U	0.00094	0.0036	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	UQ	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	0.0036	U	0.00083	0.0036	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	0.044		0.0057	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0036	U	0.0012	0.0036	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	0.00057	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	0.0036	U	0.0014	0.0036	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	0.0036	U	0.00061	0.0036	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	0.00068	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
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
VY021292.D	1		02/21/25 17:44	VY022125

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	U	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	U	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	0.00067	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	0.0036	U	0.0011	0.0036	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	0.0012	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	0.00067	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
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
VY021292.D	1		02/21/25 17:44	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00057	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	0.0036	U	0.0014	0.0036	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	59.9		71 - 136		120%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	51.0		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	166000	7.713				
540-36-3	1,4-Difluorobenzene	326000	8.622				
3114-55-4	Chlorobenzene-d5	311000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	127000	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-07-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-13		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.2	
Sample Wt/Vol:	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
VY021293.D	1		02/21/25 18:08	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0036	U	0.0015	0.0036	0.0045	mg/Kg
74-87-3	Chloromethane	0.0023	UQ	0.0010	0.0023	0.0045	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	0.00070	0.0023	0.0045	mg/Kg
74-83-9	Bromomethane	0.0036	U	0.00093	0.0036	0.0045	mg/Kg
75-00-3	Chloroethane	0.0023	UQ	0.00091	0.0023	0.0045	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0047	0.011	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0036	U	0.00082	0.0036	0.0045	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00097	0.0023	0.0045	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00070	0.0023	0.0045	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0045	0.011	0.023	mg/Kg
67-64-1	Acetone	0.068		0.0056	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0036	U	0.0012	0.0036	0.0045	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00061	0.0023	0.0045	mg/Kg
75-09-2	Methylene Chloride	0.0072	U	0.0031	0.0072	0.0090	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00076	0.0023	0.0045	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00057	0.0023	0.0045	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0051	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00079	0.0023	0.0045	mg/Kg
594-20-7	2,2-Dichloropropane	0.0036	U	0.0014	0.0036	0.0045	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00055	0.0023	0.0045	mg/Kg
67-66-3	Chloroform	0.0036	U	0.00061	0.0036	0.0045	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00070	0.0023	0.0045	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00066	0.0023	0.0045	mg/Kg
71-43-2	Benzene	0.0023	U	0.00065	0.0023	0.0045	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00055	0.0023	0.0045	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00068	0.0023	0.0045	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00060	0.0023	0.0045	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00056	0.0023	0.0045	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00051	0.0023	0.0045	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0039	0.011	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-07-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-13		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.2	
Sample Wt/Vol:	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
VY021293.D	1		02/21/25 18:08	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00061	0.0023	0.0045	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00054	0.0023	0.0045	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00052	0.0023	0.0045	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00076	0.0023	0.0045	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00053	0.0023	0.0045	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0043	0.011	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00059	0.0023	0.0045	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00071	0.0023	0.0045	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00080	0.0023	0.0045	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00067	0.0023	0.0045	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00058	0.0023	0.0045	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00056	0.0023	0.0045	mg/Kg
179601-23-1	m/p-Xylenes	0.0045	U	0.0012	0.0045	0.0090	mg/Kg
1330-20-7	Total Xylenes	0.0068	U	0.0018	0.0068	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00063	0.0023	0.0045	mg/Kg
100-42-5	Styrene	0.0023	U	0.00054	0.0023	0.0045	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00073	0.0023	0.0045	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00061	0.0023	0.0045	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.00099	0.0023	0.0045	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0036	U	0.0011	0.0036	0.0045	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00059	0.0023	0.0045	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00058	0.0023	0.0045	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00056	0.0023	0.0045	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00058	0.0023	0.0045	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00053	0.0023	0.0045	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00061	0.0023	0.0045	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0012	0.0023	0.0045	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00061	0.0023	0.0045	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00052	0.0023	0.0045	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00067	0.0023	0.0045	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00072	0.0023	0.0045	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-07-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.2
Sample Wt/Vol:	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
VY021293.D	1		02/21/25 18:08	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00057	0.0023	0.0045	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00053	0.0023	0.0045	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0036	U	0.0014	0.0036	0.0045	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00071	0.0023	0.0045	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00073	0.0023	0.0045	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00070	0.0023	0.0045	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00072	0.0023	0.0045	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.8		71 - 136		126%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.9		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	164000	7.713				
540-36-3	1,4-Difluorobenzene	324000	8.622				
3114-55-4	Chlorobenzene-d5	310000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	128000	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.6
Sample Wt/Vol:	5.83 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
VY021294.D	1		02/21/25 18:31	VY022125

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	UQ	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	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	UQ	0.00094	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0049	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	0.047		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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.6
Sample Wt/Vol:	5.83 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
VY021294.D	1		02/21/25 18:31	VY022125

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	0.00069	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	0.0013	0.0046	0.0093	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0020	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	0.00069	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-08-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-15		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.6	
Sample Wt/Vol:	5.83	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
VY021294.D	1		02/21/25 18:31	VY022125

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	56.1		71 - 136		112%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	50.6		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		79 - 119		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	162000	7.713				
540-36-3	1,4-Difluorobenzene	319000	8.622				
3114-55-4	Chlorobenzene-d5	297000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	119000	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.6
Sample Wt/Vol:	5.77 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
VY021295.D	1		02/21/25 18:54	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
74-87-3	Chloromethane	0.0023	UQ	0.0011	0.0023	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0023	UQ	0.00072	0.0023	0.0047	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00096	0.0037	0.0047	mg/Kg
75-00-3	Chloroethane	0.0023	UQ	0.00095	0.0023	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0049	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00085	0.0037	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.023	mg/Kg
67-64-1	Acetone	0.049		0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0075	U	0.0032	0.0075	0.0094	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00079	0.0023	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00059	0.0023	0.0047	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	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00063	0.0037	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0047	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00057	0.0023	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00070	0.0023	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.6
Sample Wt/Vol:	5.77 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
VY021295.D	1		02/21/25 18:54	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00053	0.0023	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00079	0.0023	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00083	0.0023	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0094	mg/Kg
1330-20-7	Total Xylenes	0.0070	U	0.0020	0.0070	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00066	0.0023	0.0047	mg/Kg
100-42-5	Styrene	0.0023	U	0.00056	0.0023	0.0047	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00054	0.0023	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00069	0.0023	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00075	0.0023	0.0047	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-09-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-17		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.6	
Sample Wt/Vol:	5.77	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
VY021295.D	1		02/21/25 18:54	VY022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00059	0.0023	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00055	0.0023	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0015	0.0037	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00075	0.0023	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.6		71 - 136		123%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	51.2		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		79 - 119		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	166000	7.713				
540-36-3	1,4-Difluorobenzene	325000	8.622				
3114-55-4	Chlorobenzene-d5	311000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	125000	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-10-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-19		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.4	
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
VY021331.D	1		02/26/25 15:04	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0036	U	0.0015	0.0036	0.0045	mg/Kg
74-87-3	Chloromethane	0.0022	U	0.0010	0.0022	0.0045	mg/Kg
75-01-4	Vinyl Chloride	0.0022	U	0.00069	0.0022	0.0045	mg/Kg
74-83-9	Bromomethane	0.0036	U	0.00093	0.0036	0.0045	mg/Kg
75-00-3	Chloroethane	0.0022	U	0.00091	0.0022	0.0045	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0047	0.011	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0036	U	0.00082	0.0036	0.0045	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0022	U	0.00096	0.0022	0.0045	mg/Kg
75-35-4	1,1-Dichloroethene	0.0022	U	0.00070	0.0022	0.0045	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0045	0.011	0.023	mg/Kg
67-64-1	Acetone	0.025		0.0056	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0036	U	0.0012	0.0036	0.0045	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0022	U	0.00060	0.0022	0.0045	mg/Kg
75-09-2	Methylene Chloride	0.0072	U	0.0031	0.0072	0.0090	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0022	U	0.00076	0.0022	0.0045	mg/Kg
75-34-3	1,1-Dichloroethane	0.0022	U	0.00057	0.0022	0.0045	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0051	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0022	U	0.00078	0.0022	0.0045	mg/Kg
594-20-7	2,2-Dichloropropane	0.0036	U	0.0014	0.0036	0.0045	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0022	U	0.00055	0.0022	0.0045	mg/Kg
67-66-3	Chloroform	0.0036	U	0.00060	0.0036	0.0045	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0022	U	0.00070	0.0022	0.0045	mg/Kg
563-58-6	1,1-Dichloropropene	0.0022	U	0.00066	0.0022	0.0045	mg/Kg
71-43-2	Benzene	0.0022	U	0.00065	0.0022	0.0045	mg/Kg
107-06-2	1,2-Dichloroethane	0.0022	U	0.00055	0.0022	0.0045	mg/Kg
79-01-6	Trichloroethene	0.0022	U	0.00067	0.0022	0.0045	mg/Kg
78-87-5	1,2-Dichloropropane	0.0022	U	0.00059	0.0022	0.0045	mg/Kg
74-95-3	Dibromomethane	0.0022	U	0.00056	0.0022	0.0045	mg/Kg
75-27-4	Bromodichloromethane	0.0022	U	0.00050	0.0022	0.0045	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0039	0.011	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.4
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
VY021331.D	1		02/26/25 15:04	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0022	U	0.00060	0.0022	0.0045	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0022	U	0.00054	0.0022	0.0045	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0022	U	0.00051	0.0022	0.0045	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0022	U	0.00076	0.0022	0.0045	mg/Kg
142-28-9	1,3-Dichloropropane	0.0022	U	0.00053	0.0022	0.0045	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0043	0.011	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0022	U	0.00058	0.0022	0.0045	mg/Kg
106-93-4	1,2-Dibromoethane	0.0022	U	0.00071	0.0022	0.0045	mg/Kg
127-18-4	Tetrachloroethene	0.0022	U	0.00080	0.0022	0.0045	mg/Kg
108-90-7	Chlorobenzene	0.0022	U	0.00067	0.0022	0.0045	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0022	U	0.00058	0.0022	0.0045	mg/Kg
100-41-4	Ethyl Benzene	0.0022	U	0.00056	0.0022	0.0045	mg/Kg
179601-23-1	m/p-Xylenes	0.0045	U	0.0012	0.0045	0.0090	mg/Kg
1330-20-7	Total Xylenes	0.0067	U	0.0018	0.0067	0.014	mg/Kg
95-47-6	o-Xylene	0.0022	U	0.00063	0.0022	0.0045	mg/Kg
100-42-5	Styrene	0.0022	U	0.00054	0.0022	0.0045	mg/Kg
75-25-2	Bromoform	0.0022	U	0.00073	0.0022	0.0045	mg/Kg
98-82-8	Isopropylbenzene	0.0022	U	0.00060	0.0022	0.0045	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0022	U	0.00099	0.0022	0.0045	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0036	U	0.0011	0.0036	0.0045	mg/Kg
108-86-1	Bromobenzene	0.0022	U	0.00058	0.0022	0.0045	mg/Kg
103-65-1	n-propylbenzene	0.0022	U	0.00058	0.0022	0.0045	mg/Kg
95-49-8	2-Chlorotoluene	0.0022	U	0.00056	0.0022	0.0045	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0022	U	0.00058	0.0022	0.0045	mg/Kg
106-43-4	4-Chlorotoluene	0.0022	U	0.00053	0.0022	0.0045	mg/Kg
98-06-6	tert-Butylbenzene	0.0022	U	0.00060	0.0022	0.0045	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0022	U	0.0012	0.0022	0.0045	mg/Kg
135-98-8	sec-Butylbenzene	0.0022	U	0.00060	0.0022	0.0045	mg/Kg
99-87-6	p-Isopropyltoluene	0.0022	U	0.00052	0.0022	0.0045	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0022	U	0.00067	0.0022	0.0045	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0022	U	0.00072	0.0022	0.0045	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.4
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
VY021331.D	1		02/26/25 15:04	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0022	U	0.00057	0.0022	0.0045	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0022	U	0.00053	0.0022	0.0045	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0036	U	0.0014	0.0036	0.0045	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0022	U	0.00071	0.0022	0.0045	mg/Kg
87-68-3	Hexachlorobutadiene	0.0022	U	0.00073	0.0022	0.0045	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0022	U	0.00070	0.0022	0.0045	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0022	U	0.00072	0.0022	0.0045	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.6		71 - 136		107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.4		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		79 - 119		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	238000	7.707				
540-36-3	1,4-Difluorobenzene	473000	8.615				
3114-55-4	Chlorobenzene-d5	472000	11.413				
3855-82-1	1,4-Dichlorobenzene-d4	208000	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

LAB CHRONICLE

OrderID:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/19/25	
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/19/25	
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/19/25	
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/21/25	
Q1382-09	OU4-PCS-TC-05-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/21/25	
Q1382-11	OU4-PCS-TC-06-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/21/25	
Q1382-13	OU4-PCS-TC-07-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/21/25	
Q1382-15	OU4-PCS-TC-08-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/21/25	
Q1382-17	OU4-PCS-TC-09-0217 25	SOIL			02/17/25			02/18/25
			VOCMS Group3	8260D			02/21/25	

LAB CHRONICLE

Q1382-19

OU4-PCS-TC-10-0217
25

SOIL

02/17/25

02/18/25

VOCMS Group3

8260D

02/26/25

A

C

D



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.: Q1382
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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.9
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
BF141674.D	1	02/19/25 09:00	02/19/25 14:46	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.090	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.090	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.094	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.093	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.092	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.089	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.090	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.085	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	64.7		37 - 122	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.3		44 - 115	68%	SPK: 100
1718-51-0	Terphenyl-d14	70.4		54 - 127	70%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	93400	6.781
1146-65-2	Naphthalene-d8	372000	8.063
15067-26-2	Acenaphthene-d10	198000	9.81
1517-22-2	Phenanthrene-d10	342000	11.298
1719-03-5	Chrysene-d12	228000	13.933
1520-96-3	Perylene-d12	169000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.9
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
BF141674.D	1	02/19/25 09:00	02/19/25 14:46	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.7
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
BF141675.D	1	02/19/25 09:00	02/19/25 15:16	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.090	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.090	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.094	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.093	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	0.092	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.088	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	0.088	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.090	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	0.085	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	0.087	0.14	0.19	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	64.2		37 - 122	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.2		44 - 115	63%	SPK: 100
1718-51-0	Terphenyl-d14	73.2		54 - 127	73%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	91900	6.781
1146-65-2	Naphthalene-d8	370000	8.063
15067-26-2	Acenaphthene-d10	198000	9.816
1517-22-2	Phenanthrene-d10	341000	11.298
1719-03-5	Chrysene-d12	211000	13.939
1520-96-3	Perylene-d12	159000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.7
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
BF141675.D	1	02/19/25 09:00	02/19/25 15:16	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141676.D	1	02/19/25 09:00	02/19/25 15:45	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.093	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.092	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.091	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.087	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.089	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.084	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	61.0		37 - 122	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.6		44 - 115	66%	SPK: 100
1718-51-0	Terphenyl-d14	77.8		54 - 127	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	85300	6.781
1146-65-2	Naphthalene-d8	338000	8.063
15067-26-2	Acenaphthene-d10	180000	9.816
1517-22-2	Phenanthrene-d10	300000	11.298
1719-03-5	Chrysene-d12	162000	13.939
1520-96-3	Perylene-d12	151000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141676.D	1	02/19/25 09:00	02/19/25 15:45	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141679.D	1	02/19/25 09:00	02/19/25 17:14	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.094	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.092	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.091	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.087	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.089	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.084	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	61.2		37 - 122	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.2		44 - 115	63%	SPK: 100
1718-51-0	Terphenyl-d14	74.5		54 - 127	74%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	85200	6.781
1146-65-2	Naphthalene-d8	342000	8.063
15067-26-2	Acenaphthene-d10	183000	9.81
1517-22-2	Phenanthrene-d10	309000	11.298
1719-03-5	Chrysene-d12	175000	13.933
1520-96-3	Perylene-d12	157000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141679.D	1	02/19/25 09:00	02/19/25 17:14	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-05-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92
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
BF141680.D	1	02/19/25 09:00	02/19/25 17:43	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.090	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.090	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.094	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.093	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.092	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.089	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.090	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.085	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	73.6		37 - 122	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.0		44 - 115	76%	SPK: 100
1718-51-0	Terphenyl-d14	94.1		54 - 127	94%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	85100	6.781
1146-65-2	Naphthalene-d8	341000	8.063
15067-26-2	Acenaphthene-d10	184000	9.81
1517-22-2	Phenanthrene-d10	303000	11.298
1719-03-5	Chrysene-d12	161000	13.933
1520-96-3	Perylene-d12	152000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-05-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92
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
BF141680.D	1	02/19/25 09:00	02/19/25 17:43	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
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
BF141681.D	1	02/19/25 09:00	02/19/25 18:12	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.094	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.093	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.091	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.087	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.089	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.085	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	43.6		37 - 122	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.5		44 - 115	45%	SPK: 100
1718-51-0	Terphenyl-d14	56.3		54 - 127	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	89200	6.781
1146-65-2	Naphthalene-d8	364000	8.063
15067-26-2	Acenaphthene-d10	195000	9.81
1517-22-2	Phenanthrene-d10	327000	11.298
1719-03-5	Chrysene-d12	180000	13.939
1520-96-3	Perylene-d12	164000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
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
BF141681.D	1	02/19/25 09:00	02/19/25 18:12	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-07-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141682.D	1	02/19/25 09:00	02/19/25 18:42	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.090	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.094	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.093	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.091	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.089	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.087	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.090	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.085	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	62.5		37 - 122	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.9		44 - 115	67%	SPK: 100
1718-51-0	Terphenyl-d14	81.1		54 - 127	81%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	89000	6.781
1146-65-2	Naphthalene-d8	353000	8.063
15067-26-2	Acenaphthene-d10	191000	9.81
1517-22-2	Phenanthrene-d10	321000	11.298
1719-03-5	Chrysene-d12	173000	13.933
1520-96-3	Perylene-d12	160000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-07-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141682.D	1	02/19/25 09:00	02/19/25 18:42	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141683.D	1	02/19/25 09:00	02/19/25 19:11	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.093	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.092	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.091	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.087	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.089	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.084	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	51.3		37 - 122	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.8		44 - 115	54%	SPK: 100
1718-51-0	Terphenyl-d14	65.5		54 - 127	65%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	87200	6.781
1146-65-2	Naphthalene-d8	347000	8.063
15067-26-2	Acenaphthene-d10	187000	9.81
1517-22-2	Phenanthrene-d10	318000	11.298
1719-03-5	Chrysene-d12	173000	13.933
1520-96-3	Perylene-d12	161000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141683.D	1	02/19/25 09:00	02/19/25 19:11	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141684.D	1	02/19/25 09:00	02/19/25 19:41	PB166772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.089	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.093	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	0.092	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.091	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.088	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	0.087	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.086	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	0.089	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.084	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.086	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	51.7		37 - 122	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.2		44 - 115	55%	SPK: 100
1718-51-0	Terphenyl-d14	68.1		54 - 127	68%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	89400	6.781
1146-65-2	Naphthalene-d8	356000	8.063
15067-26-2	Acenaphthene-d10	191000	9.81
1517-22-2	Phenanthrene-d10	322000	11.298
1719-03-5	Chrysene-d12	174000	13.939
1520-96-3	Perylene-d12	165000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141684.D	1	02/19/25 09:00	02/19/25 19:41	PB166772

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
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
BF141685.D	1	02/19/25 09:00	02/19/25 20:10	PB166772

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	0.093	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	0.092	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	0.100	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.084	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	0.086	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	54.2		37 - 122	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.4		44 - 115	59%	SPK: 100
1718-51-0	Terphenyl-d14	69.8		54 - 127	70%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	87900	6.781
1146-65-2	Naphthalene-d8	351000	8.063
15067-26-2	Acenaphthene-d10	186000	9.81
1517-22-2	Phenanthrene-d10	314000	11.298
1719-03-5	Chrysene-d12	168000	13.933
1520-96-3	Perylene-d12	168000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
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
BF141685.D	1	02/19/25 09:00	02/19/25 20:10	PB166772

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:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-09	OU4-PCS-TC-05-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-11	OU4-PCS-TC-06-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-13	OU4-PCS-TC-07-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-15	OU4-PCS-TC-08-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1382-17	OU4-PCS-TC-09-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	

LAB CHRONICLE

Q1382-19	OU4-PCS-TC-10-0217 25	SOIL		02/17/25		02/18/25
			SVOCMS Group3	8270E	02/19/25	02/19/25



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

Hit Summary Sheet
SW-846

SDG No.:

Q1382

Order ID:

Q1382

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-01-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.9	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
PL094264.D	1	02/19/25 08:10	02/19/25 16:12	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00020	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00033	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0057	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.3		55 - 130		101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.4		42 - 129		117%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-01-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.9	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
PL094264.D	1	02/19/25 08:10	02/19/25 16:12	PB166771

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-02-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-03		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.7	Decanted:
Sample Wt/Vol:	30.1	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
PL094267.D	1	02/19/25 08:10	02/19/25 16:52	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00020	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00033	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0057	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.9		55 - 130		119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.3		42 - 129		121%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-02-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-03		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.7	Decanted:
Sample Wt/Vol:	30.1	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
PL094267.D	1	02/19/25 08:10	02/19/25 16:52	PB166771

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-03-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-05		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.4	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094268.D	1	02/19/25 08:10	02/19/25 17:06	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00019	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00032	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.9		55 - 130		120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.5		42 - 129		123%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-03-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-05		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.4	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094268.D	1	02/19/25 08:10	02/19/25 17:06	PB166771

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-04-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.5	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094269.D	1	02/19/25 08:10	02/19/25 17:19	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00019	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00032	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	24.2		55 - 130		121%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.9		42 - 129		125%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-04-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.5	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094269.D	1	02/19/25 08:10	02/19/25 17:19	PB166771

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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-05-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	92
Sample Wt/Vol:	30.04	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
PL094274.D	1	02/19/25 08:10	02/19/25 18:27	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00020	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00033	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0057	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	26.3	*	55 - 130		132%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.4		42 - 129		127%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-05-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-09		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92	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
PL094274.D	1	02/19/25 08:10	02/19/25 18:27	PB166771

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

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
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 P = Indicates >25% difference for detected concentrations between the two GC columns
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 B = Analyte Found in Associated Method Blank
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 * = 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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-06-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-11		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.2	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
PL094275.D	1	02/19/25 08:10	02/19/25 18:41	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00019	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00032	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	24.4		55 - 130		122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.7		42 - 129		124%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-06-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-11		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.2	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
PL094275.D	1	02/19/25 08:10	02/19/25 18:41	PB166771

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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-07-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-13		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.2	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
PL094276.D	1	02/19/25 08:10	02/19/25 18:54	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00020	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00033	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	24.9		55 - 130		125%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.1		42 - 129		126%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-07-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-13		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.2	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
PL094276.D	1	02/19/25 08:10	02/19/25 18:54	PB166771

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

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
 B = Analyte Found in Associated Method Blank
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 * = Values outside of QC limits
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 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-08-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-15		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.6	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
PL094277.D	1	02/19/25 08:10	02/19/25 19:08	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00019	0.00089	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00089	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00089	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00020	0.00089	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00089	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00089	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00089	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00089	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00089	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00089	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00089	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00032	0.00089	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00020	0.00089	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00089	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00089	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00089	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00089	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00089	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00089	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00020	0.00089	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.8		55 - 130		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.3		42 - 129		117%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-08-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-15		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.6	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
PL094277.D	1	02/19/25 08:10	02/19/25 19:08	PB166771

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

U = Not Detected

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-09-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-17		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.6	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
PL094278.D	1	02/19/25 08:10	02/19/25 19:21	PB166771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00090	U	0.00019	0.00090	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00053	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00051	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
76-44-8	Heptachlor	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
309-00-2	Aldrin	0.00090	U	0.00015	0.00090	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00025	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
60-57-1	Dieldrin	0.00090	U	0.00016	0.00090	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
72-20-8	Endrin	0.00090	U	0.00017	0.00090	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00032	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00090	U	0.00014	0.00090	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00041	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00024	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00090	U	0.00018	0.00090	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.9		55 - 130		110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.2		42 - 129		111%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-09-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-17		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.6	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
PL094278.D	1	02/19/25 08:10	02/19/25 19:21	PB166771

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-10-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-19		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.4	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
PL094279.D	1	02/19/25 08:10	02/19/25 19:35	PB166771

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	0.00024	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	25.0		55 - 130		125%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.7		42 - 129		123%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-10-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-19		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.4	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
PL094279.D	1	02/19/25 08:10	02/19/25 19:35	PB166771

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

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03RE	OU4-PCS-TC-02-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-05RE	OU4-PCS-TC-03-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-07RE	OU4-PCS-TC-04-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-09	OU4-PCS-TC-05-0217 25	SOIL			02/17/25			02/18/25

LAB CHRONICLE

			PCB	8082A	02/19/25	02/21/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-11	OU4-PCS-TC-06-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-11RE	OU4-PCS-TC-06-0217 25RE	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	
Q1382-13	OU4-PCS-TC-07-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-15	OU4-PCS-TC-08-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-17	OU4-PCS-TC-09-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-19	OU4-PCS-TC-10-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-19RE	OU4-PCS-TC-10-0217 25RE	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	

Hit Summary Sheet
SW-846

SDG No.: Q1382		Order ID: Q1382	
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : Q1382-01	OU4-PCS-TC-01-021725	SOIL	Aroclor-1254	10.9	J	3.00	14.1	18.5	ug/kg
Total Concentration:			10.900						
Client ID : Q1382-05	OU4-PCS-TC-03-021725		Aroclor-1254	13.4	J	2.90	14.0	18.3	ug/kg
Total Concentration:			13.400						
Client ID : Q1382-05RE	OU4-PCS-TC-03-021725RE	SOIL	Aroclor-1254	11.6	J	2.90	14.0	18.3	ug/kg
Total Concentration:			11.600						
Client ID : Q1382-11	OU4-PCS-TC-06-021725		Aroclor-1254	21.5		3.00	14.1	18.4	ug/kg
Total Concentration:			21.500						
Client ID : Q1382-11RE	OU4-PCS-TC-06-021725RE	SOIL	Aroclor-1254	18.2	J	3.00	14.1	18.4	ug/kg
Total Concentration:			18.200						
Client ID : Q1382-13	OU4-PCS-TC-07-021725		Aroclor-1254	43.2		3.00	14.1	18.4	ug/kg
Total Concentration:			43.200						



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-01-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.9	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
PP069839.D	1	02/19/25 08:10	02/19/25 13:32	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	10.9	J	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.6		44 - 130		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 125		96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

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Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-02-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.7	Decanted:
Sample Wt/Vol:	30.1	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
PP069847.D	1	02/19/25 08:10	02/19/25 16:47	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.0	*	44 - 130		135%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		60 - 125		116%	SPK: 20

Comments:

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LOD = Limit of Detection

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B = Analyte Found in Associated Method Blank

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-03RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.7
Sample Wt/Vol:	30.1 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
PP069928.D	1	02/19/25 08:10	02/20/25 20:02	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.2	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		60 - 125		118%	SPK: 20

Comments:

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-03-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-05		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.4	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
PP069848.D	1	02/19/25 08:10	02/19/25 17:03	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	13.4	J	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.6	*	44 - 130		133%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-03-021725RE		SDG No.:	Q1382	
Lab Sample ID:	Q1382-05RE		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.4	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
PP069929.D	1	02/19/25 08:10	02/20/25 20:18	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	11.6	J	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		137%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		60 - 125		117%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-04-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-07		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.5	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
PP069849.D	1	02/19/25 08:10	02/19/25 17:19	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.9	*	44 - 130		139%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-07RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5
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
PP069930.D	1	02/19/25 08:10	02/20/25 20:34	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	28.4	*	44 - 130		142%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		60 - 125		120%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-05-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-09		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92	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
PP069945.D	1	02/19/25 08:10	02/21/25 00:59	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.8		44 - 130		129%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2
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
PP069851.D	1	02/19/25 08:10	02/19/25 17:52	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	21.5		3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		138%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		60 - 125		115%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-06-021725RE		SDG No.:	Q1382	
Lab Sample ID:	Q1382-11RE		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.2	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
PP069931.D	1	02/19/25 08:10	02/20/25 20:50	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	18.2	J	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	28.8	*	44 - 130		144%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-07-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-13		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.2	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
PP069852.D	1	02/19/25 08:10	02/19/25 18:08	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	43.2		3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.8	*	44 - 130		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-08-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-15		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.6	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
PP069853.D	1	02/19/25 08:10	02/19/25 18:24	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.70	8.90	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.70	8.90	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.3		44 - 130		126%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 125		99%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-09-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-17		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.6	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
PP069854.D	1	02/19/25 08:10	02/19/25 18:40	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.4		44 - 130		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		60 - 125		102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-10-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-19		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069855.D	1	02/19/25 08:10	02/19/25 18:57	PB166770

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	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	6.80	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	13.9	U	3.60	13.9	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.60	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	8.40	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	13.9	U	2.90	13.9	18.2	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.2	ug/kg
11100-14-4	Aroclor-1268	13.9	U	3.70	13.9	18.2	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.1	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.7		60 - 125		118%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-10-021725RE		SDG No.:	Q1382	
Lab Sample ID:	Q1382-19RE		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069937.D	1	02/19/25 08:10	02/20/25 22:49	PB166770

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	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	6.80	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	13.9	U	3.60	13.9	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.60	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	8.40	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	13.9	U	2.90	13.9	18.2	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.2	ug/kg
11100-14-4	Aroclor-1268	13.9	U	3.70	13.9	18.2	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.9	*	44 - 130		140%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.8		60 - 125		124%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03RE	OU4-PCS-TC-02-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-05RE	OU4-PCS-TC-03-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-07RE	OU4-PCS-TC-04-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-09	OU4-PCS-TC-05-0217 25	SOIL			02/17/25			02/18/25

LAB CHRONICLE

			PCB	8082A	02/19/25	02/21/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-11	OU4-PCS-TC-06-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-11RE	OU4-PCS-TC-06-0217 25RE	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	
Q1382-13	OU4-PCS-TC-07-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-15	OU4-PCS-TC-08-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-17	OU4-PCS-TC-09-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-19	OU4-PCS-TC-10-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-19RE	OU4-PCS-TC-10-0217 25RE	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	



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

Hit Summary Sheet
SW-846

SDG No.:

Q1382

Order ID:

Q1382

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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-01-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-01		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	91.9	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
PS029213.D	1	02/18/25 13:16	02/19/25 19:09	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0094	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.054	U	0.014	0.054	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	417		27 - 122		83%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-02-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-03		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	91.7	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029214.D	1	02/18/25 13:16	02/19/25 19:33	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0094	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.054	U	0.014	0.054	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	434		27 - 122		87%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

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Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-03-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-05		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.4	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029215.D	1	02/18/25 13:16	02/19/25 19:57	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0094	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.054	U	0.013	0.054	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	433		27 - 122		87%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-04-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-07		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.5	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
PS029216.D	1	02/18/25 13:16	02/19/25 20:21	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0093	0.036	0.072	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.072	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.072	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.072	mg/Kg
88-85-7	DINOSEB	0.054	U	0.013	0.054	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	380		27 - 122		76%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-05-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-09		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92	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
PS029217.D	1	02/18/25 13:16	02/19/25 20:45	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0094	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.054	U	0.014	0.054	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	420		27 - 122		84%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-06-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-11		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.2	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
PS029296.D	1	02/18/25 13:16	02/26/25 16:34	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0094	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.054	U	0.013	0.054	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	453		27 - 122		91%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-07-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-13		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.2	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
PS029297.D	1	02/18/25 13:16	02/26/25 16:58	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0094	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.054	U	0.013	0.054	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	553		27 - 122		111%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-08-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-15		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.6	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
PS029298.D	1	02/18/25 13:16	02/26/25 17:22	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0094	0.036	0.072	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.072	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.072	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.072	mg/Kg
88-85-7	DINOSEB	0.054	U	0.013	0.054	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	562		27 - 122		112%	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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-09-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-17		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.6	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029299.D	1	02/18/25 13:16	02/26/25 17:46	PB166763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0093	0.036	0.072	mg/Kg
75-99-0	DALAPON	0.054	U	0.027	0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010	0.036	0.072	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.072	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.072	mg/Kg
88-85-7	DINOSEB	0.054	U	0.013	0.054	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	539		27 - 122		108%	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4
Sample Wt/Vol:	30.02 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Herbicide Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029300.D	1	02/18/25 13:16	02/26/25 18:10	PB166763

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	0.054	U	0.027	0.054	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	0.054	U	0.013	0.054	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	502		27 - 122		100%	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:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/19/25	
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/19/25	
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03RE	OU4-PCS-TC-02-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/19/25	
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-05RE	OU4-PCS-TC-03-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/19/25	
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-07RE	OU4-PCS-TC-04-0217 25RE	SOIL			02/17/25			02/18/25

LAB CHRONICLE

			PCB	8082A	02/19/25	02/20/25	
Q1382-09	OU4-PCS-TC-05-0217	SOIL			02/17/25		02/18/25
	25						
			Herbicide Group1	8151A	02/18/25	02/19/25	
			PCB	8082A	02/19/25	02/21/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-11	OU4-PCS-TC-06-0217	SOIL			02/17/25		02/18/25
	25						
			Herbicide Group1	8151A	02/18/25	02/26/25	
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-11RE	OU4-PCS-TC-06-0217	SOIL			02/17/25		02/18/25
	25RE						
			PCB	8082A	02/19/25	02/20/25	
Q1382-13	OU4-PCS-TC-07-0217	SOIL			02/17/25		02/18/25
	25						
			Herbicide Group1	8151A	02/18/25	02/26/25	
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-15	OU4-PCS-TC-08-0217	SOIL			02/17/25		02/18/25
	25						
			Herbicide Group1	8151A	02/18/25	02/26/25	
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-17	OU4-PCS-TC-09-0217	SOIL			02/17/25		02/18/25
	25						
			Herbicide Group1	8151A	02/18/25	02/26/25	
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	
Q1382-19	OU4-PCS-TC-10-0217	SOIL			02/17/25		02/18/25
	25						
			Herbicide Group1	8151A	02/18/25	02/26/25	
			PCB	8082A	02/19/25	02/19/25	
			Pesticide-TCL	8081B	02/19/25	02/19/25	

Hit Summary Sheet
SW-846

SDG No.: Q1382 **Order ID:** Q1382
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OU4-PCS-TC-01-021725								
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Aluminum	7100		2.21	4.59	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Barium	14.4		0.59	4.59	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Beryllium	0.42		0.011	0.28	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Cadmium	0.73		0.015	0.28	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Calcium	7990		2.57	91.8	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Chromium	1.31		0.050	0.46	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Cobalt	16.6		0.053	1.38	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Copper	36.2		0.43	0.92	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Iron	26000		2.47	4.59	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Lead	2.64		0.14	0.55	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Magnesium	6210		3.15	91.8	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Manganese	199		0.065	0.92	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Mercury	0.014	J	0.0060	0.015	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Nickel	7.72		0.083	1.84	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Potassium	84.7	J	26.4	91.8	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Sodium	1090		33.1	91.8	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Vanadium	51.0		0.25	1.84	mg/Kg
Q1382-01	OU4-PCS-TC-01-021725	SOIL	Zinc	24.8		0.10	1.84	mg/Kg
Client ID : OU4-PCS-TC-02-021725								
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Aluminum	6610		2.46	5.10	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Barium	13.9		0.65	5.10	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Beryllium	0.34		0.012	0.31	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Cadmium	0.29	J	0.016	0.31	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Calcium	9600		2.85	102	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Chromium	0.81		0.055	0.51	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Cobalt	15.7		0.059	1.53	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Copper	31.0		0.48	1.02	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Iron	27100		2.74	5.10	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Lead	2.32		0.15	0.61	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Magnesium	5780		3.50	102	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Manganese	240		0.072	1.02	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Nickel	7.08		0.092	2.04	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Potassium	154		29.3	102	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Sodium	1180		36.8	102	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Vanadium	44.8		0.28	2.04	mg/Kg
Q1382-03	OU4-PCS-TC-02-021725	SOIL	Zinc	25.1		0.11	2.04	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1382	Order ID:	Q1382
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OU4-PCS-TC-03-021725								
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Aluminum	6530		2.33	4.83	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Barium	12.2		0.62	4.83	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Beryllium	0.36		0.012	0.29	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Cadmium	0.46		0.015	0.29	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Calcium	7040		2.71	96.6	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Chromium	1.75		0.052	0.48	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Cobalt	15.1		0.056	1.45	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Copper	33.3		0.45	0.97	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Iron	24300		2.60	4.83	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Lead	1.94		0.14	0.58	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Magnesium	5740		3.31	96.6	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Manganese	195		0.069	0.97	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Nickel	7.56		0.087	1.93	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Potassium	83.5	J	27.7	96.6	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Sodium	1080		34.9	96.6	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Vanadium	48.5		0.26	1.93	mg/Kg
Q1382-05	OU4-PCS-TC-03-021725	SOIL	Zinc	24.1		0.11	1.93	mg/Kg
Client ID : OU4-PCS-TC-04-021725								
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Aluminum	7510		2.29	4.74	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Barium	16.7		0.61	4.74	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Beryllium	0.42		0.011	0.28	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Cadmium	0.70		0.015	0.28	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Calcium	7530		2.66	94.8	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Chromium	0.94		0.051	0.47	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Cobalt	17.9		0.055	1.42	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Copper	36.8		0.45	0.95	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Iron	29400		2.55	4.74	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Lead	2.35		0.14	0.57	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Magnesium	6770		3.25	94.8	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Manganese	220		0.067	0.95	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Nickel	7.88		0.085	1.90	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Potassium	101		27.2	94.8	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Sodium	1180		34.2	94.8	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Vanadium	53.7		0.26	1.90	mg/Kg
Q1382-07	OU4-PCS-TC-04-021725	SOIL	Zinc	27.5		0.10	1.90	mg/Kg
Client ID : OU4-PCS-TC-05-021725								
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Aluminum	8490		2.38	4.94	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Barium	11.9		0.63	4.94	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1382	Order ID:	Q1382
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Beryllium	0.41		0.012	0.30	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Cadmium	0.51		0.016	0.30	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Calcium	9770		2.77	98.8	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Chromium	1.08		0.053	0.49	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Cobalt	17.4		0.057	1.48	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Copper	34.8		0.46	0.99	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Iron	28800		2.66	4.94	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Lead	2.55		0.15	0.59	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Magnesium	6850		3.39	98.8	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Manganese	209		0.070	0.99	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Nickel	8.38		0.089	1.98	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Potassium	131		28.4	98.8	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Sodium	1250		35.7	98.8	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Vanadium	52.2		0.27	1.98	mg/Kg
Q1382-09	OU4-PCS-TC-05-021725	SOIL	Zinc	28.7		0.11	1.98	mg/Kg
Client ID : OU4-PCS-TC-06-021725								
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Aluminum	7210		2.43	5.04	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Barium	13.8		0.65	5.04	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Beryllium	0.37		0.012	0.30	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Cadmium	0.32		0.016	0.30	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Calcium	8360		2.83	101	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Chromium	1.16		0.054	0.50	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Cobalt	16.0		0.059	1.51	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Copper	32.5		0.47	1.01	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Iron	28100		2.71	5.04	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Lead	2.42		0.15	0.61	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Magnesium	6110		3.46	101	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Manganese	197		0.072	1.01	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Nickel	7.45		0.091	2.02	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Potassium	106		29.0	101	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Sodium	1260		36.4	101	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Vanadium	48.9		0.27	2.02	mg/Kg
Q1382-11	OU4-PCS-TC-06-021725	SOIL	Zinc	24.4		0.11	2.02	mg/Kg
Client ID : OU4-PCS-TC-07-021725								
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Aluminum	7850		2.40	4.98	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Barium	12.3		0.64	4.98	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Beryllium	0.36		0.012	0.30	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Cadmium	0.11	J	0.016	0.30	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Calcium	8070		2.79	99.5	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1382	Order ID:	Q1382
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Chromium	1.28		0.054	0.50	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Cobalt	16.3		0.058	1.49	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Copper	32.0		0.47	1.00	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Iron	29200		2.68	4.98	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Lead	2.21		0.15	0.60	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Magnesium	6880		3.41	99.5	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Manganese	196		0.071	1.00	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Nickel	7.77		0.090	1.99	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Potassium	105		28.6	99.5	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Sodium	1440		35.9	99.5	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Vanadium	49.1		0.27	1.99	mg/Kg
Q1382-13	OU4-PCS-TC-07-021725	SOIL	Zinc	23.6		0.11	1.99	mg/Kg
Client ID : OU4-PCS-TC-08-021725								
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Aluminum	7070		2.49	5.17	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Barium	13.8		0.66	5.17	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Beryllium	0.38		0.012	0.31	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Cadmium	0.53		0.017	0.31	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Calcium	8730		2.89	103	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Chromium	1.07		0.056	0.52	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Cobalt	16.2		0.060	1.55	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Copper	34.3		0.49	1.03	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Iron	26300		2.78	5.17	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Lead	2.08		0.16	0.62	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Magnesium	6400		3.54	103	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Manganese	214		0.073	1.03	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Nickel	7.45		0.093	2.07	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Potassium	95.1	J	29.7	103	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Sodium	1140		37.3	103	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Vanadium	46.1		0.28	2.07	mg/Kg
Q1382-15	OU4-PCS-TC-08-021725	SOIL	Zinc	25.6		0.11	2.07	mg/Kg
Client ID : OU4-PCS-TC-09-021725								
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Aluminum	7060		2.47	5.12	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Barium	12.4		0.66	5.12	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Beryllium	0.36		0.012	0.31	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Cadmium	0.17	J	0.016	0.31	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Calcium	7560		2.87	102	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Chromium	1.08		0.055	0.51	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Cobalt	16.2		0.059	1.54	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Copper	33.1		0.48	1.02	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1382	Order ID:	Q1382
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Iron	28100		2.75	5.12	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Lead	2.61		0.15	0.61	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Magnesium	6150		3.51	102	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Manganese	200		0.073	1.02	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Nickel	7.47		0.092	2.05	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Potassium	96.3	J	29.4	102	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Sodium	1230		37.0	102	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Vanadium	51.4		0.28	2.05	mg/Kg
Q1382-17	OU4-PCS-TC-09-021725	SOIL	Zinc	27.1		0.11	2.05	mg/Kg
Client ID : OU4-PCS-TC-10-021725								
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Aluminum	7910		2.46	5.10	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Barium	13.7		0.65	5.10	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Beryllium	0.41		0.012	0.31	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Cadmium	0.40		0.016	0.31	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Calcium	9010		2.86	102	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Chromium	1.23		0.055	0.51	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Cobalt	17.5		0.059	1.53	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Copper	33.5		0.48	1.02	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Iron	29500		2.74	5.10	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Lead	2.92		0.15	0.61	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Magnesium	6900		3.50	102	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Manganese	233		0.072	1.02	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Nickel	8.15		0.092	2.04	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Potassium	104		29.3	102	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Sodium	1250		36.8	102	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Vanadium	51.3		0.28	2.04	mg/Kg
Q1382-19	OU4-PCS-TC-10-021725	SOIL	Zinc	26.9		0.11	2.04	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7100		1	2.21	3.67	4.59	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-36-0	Antimony	0.57	UN	1	0.14	0.57	2.30	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-38-2	Arsenic	0.74	U	1	0.27	0.74	0.92	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-39-3	Barium	14.4	N	1	0.59	1.15	4.59	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-41-7	Beryllium	0.42	N	1	0.011	0.069	0.28	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-43-9	Cadmium	0.73		1	0.015	0.069	0.28	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-70-2	Calcium	7990		1	2.57	23.0	91.8	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-47-3	Chromium	1.31		1	0.050	0.12	0.46	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-48-4	Cobalt	16.6		1	0.053	0.34	1.38	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-50-8	Copper	36.2		1	0.43	0.74	0.92	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7439-89-6	Iron	26000		1	2.47	3.67	4.59	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7439-92-1	Lead	2.64	N	1	0.14	0.44	0.55	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7439-95-4	Magnesium	6210		1	3.15	23.0	91.8	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7439-96-5	Manganese	199		1	0.065	0.23	0.92	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7439-97-6	Mercury	0.014	J	1	0.0060	0.012	0.015	mg/Kg	02/20/25 16:00	02/21/25 14:17	SW7471B	
7440-02-0	Nickel	7.72		1	0.083	0.46	1.84	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-09-7	Potassium	84.7	JN	1	26.4	73.5	91.8	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7782-49-2	Selenium	0.74	UN	1	0.30	0.74	0.92	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-22-4	Silver	0.23	UN	1	0.048	0.23	0.46	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-23-5	Sodium	1090		1	33.1	73.5	91.8	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-28-0	Thallium	0.92	U	1	0.40	0.92	1.84	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-62-2	Vanadium	51.0	N	1	0.25	0.92	1.84	mg/Kg	02/18/25 14:05	02/19/25 17:49	SW6010	SW3050
7440-66-6	Zinc	24.8	N	1	0.10	0.46	1.84	mg/Kg	02/18/25 14:05	02/19/25 17:49	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-03	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.
7429-90-5	Aluminum	6610		1	2.46	4.08	5.10	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-36-0	Antimony	0.64	UN	1	0.15	0.64	2.55	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-38-2	Arsenic	0.82	U	1	0.30	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-39-3	Barium	13.9	N	1	0.65	1.27	5.10	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-41-7	Beryllium	0.34	N	1	0.012	0.076	0.31	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-43-9	Cadmium	0.29	J	1	0.016	0.076	0.31	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-70-2	Calcium	9600		1	2.85	25.5	102	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-47-3	Chromium	0.81		1	0.055	0.13	0.51	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-48-4	Cobalt	15.7		1	0.059	0.38	1.53	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-50-8	Copper	31.0		1	0.48	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7439-89-6	Iron	27100		1	2.74	4.08	5.10	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7439-92-1	Lead	2.32	N	1	0.15	0.49	0.61	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7439-95-4	Magnesium	5780		1	3.50	25.5	102	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7439-96-5	Manganese	240		1	0.072	0.26	1.02	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7439-97-6	Mercury	0.010	U	1	0.0060	0.010	0.013	mg/Kg	02/20/25 16:00	02/21/25 14:19	SW7471B	
7440-02-0	Nickel	7.08		1	0.092	0.51	2.04	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-09-7	Potassium	154	N	1	29.3	81.5	102	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7782-49-2	Selenium	0.82	UN	1	0.34	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.053	0.26	0.51	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-23-5	Sodium	1180		1	36.8	81.5	102	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-28-0	Thallium	1.02	U	1	0.45	1.02	2.04	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-62-2	Vanadium	44.8	N	1	0.28	1.02	2.04	mg/Kg	02/18/25 14:05	02/19/25 17:53	SW6010	SW3050
7440-66-6	Zinc	25.1	N	1	0.11	0.51	2.04	mg/Kg	02/18/25 14:05	02/19/25 17:53	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6530		1	2.33	3.87	4.83	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-36-0	Antimony	0.60	UN	1	0.14	0.60	2.42	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-38-2	Arsenic	0.77	U	1	0.28	0.77	0.97	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-39-3	Barium	12.2	N	1	0.62	1.21	4.83	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-41-7	Beryllium	0.36	N	1	0.012	0.072	0.29	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-43-9	Cadmium	0.46		1	0.015	0.072	0.29	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-70-2	Calcium	7040		1	2.71	24.2	96.6	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-47-3	Chromium	1.75		1	0.052	0.12	0.48	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-48-4	Cobalt	15.1		1	0.056	0.36	1.45	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-50-8	Copper	33.3		1	0.45	0.77	0.97	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7439-89-6	Iron	24300		1	2.60	3.87	4.83	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7439-92-1	Lead	1.94	N	1	0.14	0.46	0.58	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7439-95-4	Magnesium	5740		1	3.31	24.2	96.6	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7439-96-5	Manganese	195		1	0.069	0.24	0.97	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7439-97-6	Mercury	0.012	U	1	0.0070	0.012	0.015	mg/Kg	02/20/25 16:00	02/21/25 14:22	SW7471B	
7440-02-0	Nickel	7.56		1	0.087	0.48	1.93	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-09-7	Potassium	83.5	JN	1	27.7	77.3	96.6	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7782-49-2	Selenium	0.77	UN	1	0.32	0.77	0.97	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-22-4	Silver	0.24	UN	1	0.050	0.24	0.48	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-23-5	Sodium	1080		1	34.9	77.3	96.6	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-28-0	Thallium	0.97	U	1	0.43	0.97	1.93	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-62-2	Vanadium	48.5	N	1	0.26	0.97	1.93	mg/Kg	02/18/25 14:05	02/19/25 17:58	SW6010	SW3050
7440-66-6	Zinc	24.1	N	1	0.11	0.48	1.93	mg/Kg	02/18/25 14:05	02/19/25 17:58	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7510		1	2.29	3.79	4.74	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-36-0	Antimony	0.59	UN	1	0.14	0.59	2.37	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-38-2	Arsenic	0.76	U	1	0.28	0.76	0.95	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-39-3	Barium	16.7	N	1	0.61	1.19	4.74	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-41-7	Beryllium	0.42	N	1	0.011	0.071	0.28	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-43-9	Cadmium	0.70		1	0.015	0.071	0.28	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-70-2	Calcium	7530		1	2.66	23.7	94.8	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-47-3	Chromium	0.94		1	0.051	0.12	0.47	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-48-4	Cobalt	17.9		1	0.055	0.36	1.42	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-50-8	Copper	36.8		1	0.45	0.76	0.95	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7439-89-6	Iron	29400		1	2.55	3.79	4.74	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7439-92-1	Lead	2.35	N	1	0.14	0.46	0.57	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7439-95-4	Magnesium	6770		1	3.25	23.7	94.8	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7439-96-5	Manganese	220		1	0.067	0.24	0.95	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7439-97-6	Mercury	0.010	U	1	0.0060	0.010	0.013	mg/Kg	02/20/25 16:00	02/21/25 14:24	SW7471B	
7440-02-0	Nickel	7.88		1	0.085	0.47	1.90	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-09-7	Potassium	101	N	1	27.2	75.9	94.8	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7782-49-2	Selenium	0.76	UN	1	0.31	0.76	0.95	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-22-4	Silver	0.24	UN	1	0.049	0.24	0.47	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-23-5	Sodium	1180		1	34.2	75.9	94.8	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-28-0	Thallium	0.95	U	1	0.42	0.95	1.90	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-62-2	Vanadium	53.7	N	1	0.26	0.95	1.90	mg/Kg	02/18/25 14:05	02/19/25 18:02	SW6010	SW3050
7440-66-6	Zinc	27.5	N	1	0.10	0.47	1.90	mg/Kg	02/18/25 14:05	02/19/25 18:02	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

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-05-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	92

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8490		1	2.38	3.95	4.94	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-36-0	Antimony	0.62	UN	1	0.15	0.62	2.47	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-38-2	Arsenic	0.79	U	1	0.29	0.79	0.99	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-39-3	Barium	11.9	N	1	0.63	1.24	4.94	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-41-7	Beryllium	0.41	N	1	0.012	0.074	0.30	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-43-9	Cadmium	0.51		1	0.016	0.074	0.30	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-70-2	Calcium	9770		1	2.77	24.7	98.8	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-47-3	Chromium	1.08		1	0.053	0.12	0.49	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-48-4	Cobalt	17.4		1	0.057	0.37	1.48	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-50-8	Copper	34.8		1	0.46	0.79	0.99	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7439-89-6	Iron	28800		1	2.66	3.95	4.94	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7439-92-1	Lead	2.55	N	1	0.15	0.47	0.59	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7439-95-4	Magnesium	6850		1	3.39	24.7	98.8	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7439-96-5	Manganese	209		1	0.070	0.25	0.99	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7439-97-6	Mercury	0.010	U	1	0.0060	0.010	0.013	mg/Kg	02/20/25 16:00	02/21/25 14:26	SW7471B	
7440-02-0	Nickel	8.38		1	0.089	0.49	1.98	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-09-7	Potassium	131	N	1	28.4	79.1	98.8	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7782-49-2	Selenium	0.79	UN	1	0.33	0.79	0.99	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-22-4	Silver	0.25	UN	1	0.051	0.25	0.49	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-23-5	Sodium	1250		1	35.7	79.1	98.8	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-28-0	Thallium	0.99	U	1	0.44	0.99	1.98	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-62-2	Vanadium	52.2	N	1	0.27	0.99	1.98	mg/Kg	02/18/25 14:05	02/19/25 18:06	SW6010	SW3050
7440-66-6	Zinc	28.7	N	1	0.11	0.49	1.98	mg/Kg	02/18/25 14:05	02/19/25 18:06	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

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LOD = Limit of Detection

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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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7210		1	2.43	4.04	5.04	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-36-0	Antimony	0.63	UN	1	0.15	0.63	2.52	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-38-2	Arsenic	0.81	U	1	0.29	0.81	1.01	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-39-3	Barium	13.8	N	1	0.65	1.26	5.04	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-41-7	Beryllium	0.37	N	1	0.012	0.076	0.30	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-43-9	Cadmium	0.32		1	0.016	0.076	0.30	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-70-2	Calcium	8360		1	2.83	25.2	101	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-47-3	Chromium	1.16		1	0.054	0.13	0.50	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-48-4	Cobalt	16.0		1	0.059	0.38	1.51	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-50-8	Copper	32.5		1	0.47	0.81	1.01	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7439-89-6	Iron	28100		1	2.71	4.04	5.04	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7439-92-1	Lead	2.42	N	1	0.15	0.48	0.61	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7439-95-4	Magnesium	6110		1	3.46	25.2	101	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7439-96-5	Manganese	197		1	0.072	0.25	1.01	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7439-97-6	Mercury	0.012	U	1	0.0060	0.012	0.015	mg/Kg	02/20/25 16:00	02/21/25 14:28	SW7471B	
7440-02-0	Nickel	7.45		1	0.091	0.50	2.02	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-09-7	Potassium	106	N	1	29.0	80.7	101	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7782-49-2	Selenium	0.81	UN	1	0.33	0.81	1.01	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-22-4	Silver	0.25	UN	1	0.052	0.25	0.50	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-23-5	Sodium	1260		1	36.4	80.7	101	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-28-0	Thallium	1.01	U	1	0.44	1.01	2.02	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-62-2	Vanadium	48.9	N	1	0.27	1.01	2.02	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050
7440-66-6	Zinc	24.4	N	1	0.11	0.50	2.02	mg/Kg	02/18/25 14:05	02/19/25 18:10	SW6010	SW3050

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

U = Not Detected

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B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-07-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7850		1	2.40	3.98	4.98	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-36-0	Antimony	0.62	UN	1	0.15	0.62	2.49	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-38-2	Arsenic	0.80	U	1	0.29	0.80	1.00	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-39-3	Barium	12.3	N	1	0.64	1.24	4.98	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-41-7	Beryllium	0.36	N	1	0.012	0.075	0.30	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-43-9	Cadmium	0.11	J	1	0.016	0.075	0.30	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-70-2	Calcium	8070		1	2.79	24.9	99.5	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-47-3	Chromium	1.28		1	0.054	0.12	0.50	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-48-4	Cobalt	16.3		1	0.058	0.37	1.49	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-50-8	Copper	32.0		1	0.47	0.80	1.00	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7439-89-6	Iron	29200		1	2.68	3.98	4.98	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7439-92-1	Lead	2.21	N	1	0.15	0.48	0.60	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7439-95-4	Magnesium	6880		1	3.41	24.9	99.5	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7439-96-5	Manganese	196		1	0.071	0.25	1.00	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7439-97-6	Mercury	0.010	U	1	0.0060	0.010	0.013	mg/Kg	02/20/25 16:00	02/21/25 14:35	SW7471B	
7440-02-0	Nickel	7.77		1	0.090	0.50	1.99	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-09-7	Potassium	105	N	1	28.6	79.6	99.5	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7782-49-2	Selenium	0.80	UN	1	0.33	0.80	1.00	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-22-4	Silver	0.25	UN	1	0.052	0.25	0.50	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-23-5	Sodium	1440		1	35.9	79.6	99.5	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-28-0	Thallium	1.00	U	1	0.44	1.00	1.99	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-62-2	Vanadium	49.1	N	1	0.27	1.00	1.99	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050
7440-66-6	Zinc	23.6	N	1	0.11	0.50	1.99	mg/Kg	02/18/25 14:05	02/19/25 18:14	SW6010	SW3050

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

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LOQ = Limit of Quantitation

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* = 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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7070		1	2.49	4.13	5.17	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-36-0	Antimony	0.65	UN	1	0.16	0.65	2.58	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-38-2	Arsenic	0.83	U	1	0.30	0.83	1.03	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-39-3	Barium	13.8	N	1	0.66	1.29	5.17	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-41-7	Beryllium	0.38	N	1	0.012	0.078	0.31	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-43-9	Cadmium	0.53		1	0.017	0.078	0.31	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-70-2	Calcium	8730		1	2.89	25.8	103	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-47-3	Chromium	1.07		1	0.056	0.13	0.52	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-48-4	Cobalt	16.2		1	0.060	0.39	1.55	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-50-8	Copper	34.3		1	0.49	0.83	1.03	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7439-89-6	Iron	26300		1	2.78	4.13	5.17	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7439-92-1	Lead	2.08	N	1	0.16	0.50	0.62	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7439-95-4	Magnesium	6400		1	3.54	25.8	103	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7439-96-5	Manganese	214		1	0.073	0.26	1.03	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0060	0.011	0.014	mg/Kg	02/20/25 16:00	02/21/25 14:37	SW7471B	
7440-02-0	Nickel	7.45		1	0.093	0.52	2.07	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-09-7	Potassium	95.1	JN	1	29.7	82.7	103	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7782-49-2	Selenium	0.83	UN	1	0.34	0.83	1.03	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.054	0.26	0.52	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-23-5	Sodium	1140		1	37.3	82.7	103	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-28-0	Thallium	1.03	U	1	0.46	1.03	2.07	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-62-2	Vanadium	46.1	N	1	0.28	1.03	2.07	mg/Kg	02/18/25 14:05	02/19/25 18:19	SW6010	SW3050
7440-66-6	Zinc	25.6	N	1	0.11	0.52	2.07	mg/Kg	02/18/25 14:05	02/19/25 18:19	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7060		1	2.47	4.09	5.12	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-36-0	Antimony	0.64	UN	1	0.15	0.64	2.56	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-38-2	Arsenic	0.82	U	1	0.30	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-39-3	Barium	12.4	N	1	0.66	1.28	5.12	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-41-7	Beryllium	0.36	N	1	0.012	0.077	0.31	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-43-9	Cadmium	0.17	J	1	0.016	0.077	0.31	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-70-2	Calcium	7560		1	2.87	25.6	102	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-47-3	Chromium	1.08		1	0.055	0.13	0.51	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-48-4	Cobalt	16.2		1	0.059	0.38	1.54	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-50-8	Copper	33.1		1	0.48	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7439-89-6	Iron	28100		1	2.75	4.09	5.12	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7439-92-1	Lead	2.61	N	1	0.15	0.49	0.61	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7439-95-4	Magnesium	6150		1	3.51	25.6	102	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7439-96-5	Manganese	200		1	0.073	0.26	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0060	0.011	0.014	mg/Kg	02/20/25 16:00	02/21/25 14:40	SW7471B	
7440-02-0	Nickel	7.47		1	0.092	0.51	2.05	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-09-7	Potassium	96.3	JN	1	29.4	81.9	102	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7782-49-2	Selenium	0.82	UN	1	0.34	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.053	0.26	0.51	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-23-5	Sodium	1230		1	37.0	81.9	102	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-28-0	Thallium	1.02	U	1	0.45	1.02	2.05	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-62-2	Vanadium	51.4	N	1	0.28	1.02	2.05	mg/Kg	02/18/25 14:05	02/19/25 18:31	SW6010	SW3050
7440-66-6	Zinc	27.1	N	1	0.11	0.51	2.05	mg/Kg	02/18/25 14:05	02/19/25 18:31	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7910		1	2.46	4.08	5.10	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-36-0	Antimony	0.64	UN	1	0.15	0.64	2.55	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-38-2	Arsenic	0.82	U	1	0.30	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-39-3	Barium	13.7	N	1	0.65	1.27	5.10	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-41-7	Beryllium	0.41	N	1	0.012	0.076	0.31	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-43-9	Cadmium	0.40		1	0.016	0.076	0.31	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-70-2	Calcium	9010		1	2.86	25.5	102	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-47-3	Chromium	1.23		1	0.055	0.13	0.51	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-48-4	Cobalt	17.5		1	0.059	0.38	1.53	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-50-8	Copper	33.5		1	0.48	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7439-89-6	Iron	29500		1	2.74	4.08	5.10	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7439-92-1	Lead	2.92	N	1	0.15	0.49	0.61	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7439-95-4	Magnesium	6900		1	3.50	25.5	102	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7439-96-5	Manganese	233		1	0.072	0.26	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0060	0.011	0.014	mg/Kg	02/20/25 16:00	02/21/25 14:42	SW7471B	
7440-02-0	Nickel	8.15		1	0.092	0.51	2.04	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-09-7	Potassium	104	N	1	29.3	81.6	102	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7782-49-2	Selenium	0.82	UN	1	0.34	0.82	1.02	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.053	0.26	0.51	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-23-5	Sodium	1250		1	36.8	81.6	102	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-28-0	Thallium	1.02	U	1	0.45	1.02	2.04	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-62-2	Vanadium	51.3	N	1	0.28	1.02	2.04	mg/Kg	02/18/25 14:05	02/19/25 18:36	SW6010	SW3050
7440-66-6	Zinc	26.9	N	1	0.11	0.51	2.04	mg/Kg	02/18/25 14:05	02/19/25 18:36	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

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N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/20/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	
Q1382-02	OU4-PCS-TC-01-0217 25	Water			02/17/25			02/18/25
			SPLP Mercury	7470A		02/24/25	02/24/25	
			SPLP MetalGroup3	6020B		02/19/25	02/25/25	
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/20/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	
Q1382-04	OU4-PCS-TC-02-0217 25	Water			02/17/25			02/18/25
			SPLP Mercury	7470A		02/24/25	02/24/25	
			SPLP MetalGroup3	6020B		02/19/25	02/25/25	
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/20/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	
Q1382-06	OU4-PCS-TC-03-0217 25	Water			02/17/25			02/18/25
			SPLP Mercury	7470A		02/24/25	02/24/25	
			SPLP MetalGroup3	6020B		02/19/25	02/25/25	
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/20/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	

LAB CHRONICLE

Q1382-08	OU4-PCS-TC-04-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-09	OU4-PCS-TC-05-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/20/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-10	OU4-PCS-TC-05-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-11	OU4-PCS-TC-06-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/20/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-12	OU4-PCS-TC-06-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-13	OU4-PCS-TC-07-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/20/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-14	OU4-PCS-TC-07-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-15	OU4-PCS-TC-08-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/20/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-16	OU4-PCS-TC-08-0217 25	Water			02/17/25		02/18/25

LAB CHRONICLE

Q1382-17	OU4-PCS-TC-09-0217 25	SOIL	SPLP Mercury	7470A	02/24/25	02/24/25	02/17/25	02/18/25
			SPLP MetalGroup3	6020B	02/19/25	02/25/25		
Q1382-18	OU4-PCS-TC-09-0217 25	Water	Mercury	7471B	02/20/25	02/21/25	02/17/25	02/18/25
			Metals ICP-TAL	6010D	02/18/25	02/19/25		
Q1382-19	OU4-PCS-TC-10-0217 25	SOIL	SPLP Mercury	7470A	02/24/25	02/24/25	02/17/25	02/18/25
			SPLP MetalGroup3	6020B	02/19/25	02/25/25		
Q1382-20	OU4-PCS-TC-10-0217 25	Water	Mercury	7471B	02/20/25	02/21/25	02/17/25	02/18/25
			Metals ICP-TAL	6010D	02/18/25	02/19/25		
			SPLP Mercury	7470A	02/24/25	02/24/25		
			SPLP MetalGroup3	6020B	02/19/25	02/25/25		

Hit Summary Sheet SW-846

SDG No.: Q1382 **Order ID:** Q1382
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-PCS-TC-01-021725									
Q1382-02	OU4-PCS-TC-01-021725	Water	Arsenic	2.10	JD	0.45	1.25	5.00	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Barium	125	D	1.50	6.25	50.0	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Beryllium	1.00	JD	0.80	1.25	5.00	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Chromium	5.30	JD	2.00	3.75	10.0	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Copper	95.8	D	2.00	7.50	10.0	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Lead	1.45	JD	0.55	3.75	5.00	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Nickel	27.2	D	0.90	1.25	5.00	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Vanadium	92.4	D	0.36	1.25	25.0	ug/L
Q1382-02	OU4-PCS-TC-01-021725	Water	Zinc	698	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-02-021725									
Q1382-04	OU4-PCS-TC-02-021725	Water	Arsenic	2.10	JD	0.45	1.25	5.00	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Barium	111	D	1.50	6.25	50.0	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Beryllium	1.05	JD	0.80	1.25	5.00	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Chromium	8.05	JD	2.00	3.75	10.0	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Copper	104	D	2.00	7.50	10.0	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Lead	1.55	JD	0.55	3.75	5.00	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Nickel	31.7	D	0.90	1.25	5.00	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Vanadium	169	D	0.36	1.25	25.0	ug/L
Q1382-04	OU4-PCS-TC-02-021725	Water	Zinc	817	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-03-021725									
Q1382-06	OU4-PCS-TC-03-021725	Water	Antimony	1.45	JD	0.55	1.25	10.0	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Arsenic	2.60	JD	0.45	1.25	5.00	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Barium	121	D	1.50	6.25	50.0	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Beryllium	1.05	JD	0.80	1.25	5.00	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Chromium	10.1	D	2.00	3.75	10.0	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Copper	101	D	2.00	7.50	10.0	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Lead	2.00	JD	0.55	3.75	5.00	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Nickel	32.3	D	0.90	1.25	5.00	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Vanadium	190	D	0.36	1.25	25.0	ug/L
Q1382-06	OU4-PCS-TC-03-021725	Water	Zinc	770	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-04-021725									
Q1382-08	OU4-PCS-TC-04-021725	Water	Arsenic	2.00	JD	0.45	1.25	5.00	ug/L
Q1382-08	OU4-PCS-TC-04-021725	Water	Barium	117	D	1.50	6.25	50.0	ug/L
Q1382-08	OU4-PCS-TC-04-021725	Water	Beryllium	0.95	JD	0.80	1.25	5.00	ug/L
Q1382-08	OU4-PCS-TC-04-021725	Water	Chromium	8.10	JD	2.00	3.75	10.0	ug/L

Hit Summary Sheet SW-846

SDG No.:	Q1382	Order ID:	Q1382
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1382-08	OU4-PCS-TC-04-021725	Water	Copper	150	D	2.00	7.50	10.0	ug/L
Q1382-08	OU4-PCS-TC-04-021725	Water	Lead	1.35	JD	0.55	3.75	5.00	ug/L
Q1382-08	OU4-PCS-TC-04-021725	Water	Nickel	33.1	D	0.90	1.25	5.00	ug/L
Q1382-08	OU4-PCS-TC-04-021725	Water	Vanadium	103	D	0.36	1.25	25.0	ug/L
Q1382-08	OU4-PCS-TC-04-021725	Water	Zinc	732	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-05-021725									
Q1382-10	OU4-PCS-TC-05-021725	Water	Arsenic	2.50	JD	0.45	1.25	5.00	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Barium	122	D	1.50	6.25	50.0	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Beryllium	0.95	JD	0.80	1.25	5.00	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Chromium	7.80	JD	2.00	3.75	10.0	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Copper	100	D	2.00	7.50	10.0	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Lead	1.55	JD	0.55	3.75	5.00	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Nickel	31.2	D	0.90	1.25	5.00	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Vanadium	156	D	0.36	1.25	25.0	ug/L
Q1382-10	OU4-PCS-TC-05-021725	Water	Zinc	788	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-06-021725									
Q1382-12	OU4-PCS-TC-06-021725	Water	Arsenic	2.90	JD	0.45	1.25	5.00	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Barium	113	D	1.50	6.25	50.0	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Beryllium	1.00	JD	0.80	1.25	5.00	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Chromium	16.8	D	2.00	3.75	10.0	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Copper	109	D	2.00	7.50	10.0	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Lead	2.10	JD	0.55	3.75	5.00	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Nickel	40.2	D	0.90	1.25	5.00	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Mercury	0.096	J	0.081	0.16	0.20	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Vanadium	237	D	0.36	1.25	25.0	ug/L
Q1382-12	OU4-PCS-TC-06-021725	Water	Zinc	819	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-07-021725									
Q1382-14	OU4-PCS-TC-07-021725	Water	Arsenic	2.55	JD	0.45	1.25	5.00	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Barium	122	D	1.50	6.25	50.0	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Beryllium	1.15	JD	0.80	1.25	5.00	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Chromium	10.8	D	2.00	3.75	10.0	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Copper	118	D	2.00	7.50	10.0	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Lead	2.20	JD	0.55	3.75	5.00	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Nickel	36.7	D	0.90	1.25	5.00	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Vanadium	224	D	0.36	1.25	25.0	ug/L
Q1382-14	OU4-PCS-TC-07-021725	Water	Zinc	865	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-08-021725									
Q1382-16	OU4-PCS-TC-08-021725	Water	Arsenic	2.85	JD	0.45	1.25	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q1382	Order ID:	Q1382
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1382-16	OU4-PCS-TC-08-021725	Water	Barium	118	D	1.50	6.25	50.0	ug/L
Q1382-16	OU4-PCS-TC-08-021725	Water	Beryllium	1.10	JD	0.80	1.25	5.00	ug/L
Q1382-16	OU4-PCS-TC-08-021725	Water	Chromium	10.3	D	2.00	3.75	10.0	ug/L
Q1382-16	OU4-PCS-TC-08-021725	Water	Copper	102	D	2.00	7.50	10.0	ug/L
Q1382-16	OU4-PCS-TC-08-021725	Water	Lead	1.80	JD	0.55	3.75	5.00	ug/L
Q1382-16	OU4-PCS-TC-08-021725	Water	Nickel	33.9	D	0.90	1.25	5.00	ug/L
Q1382-16	OU4-PCS-TC-08-021725	Water	Vanadium	188	D	0.36	1.25	25.0	ug/L
Q1382-16	OU4-PCS-TC-08-021725	Water	Zinc	726	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-09-021725									
Q1382-18	OU4-PCS-TC-09-021725	Water	Arsenic	2.80	JD	0.45	1.25	5.00	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Barium	105	D	1.50	6.25	50.0	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Beryllium	1.10	JD	0.80	1.25	5.00	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Chromium	12.9	D	2.00	3.75	10.0	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Copper	115	D	2.00	7.50	10.0	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Lead	2.00	JD	0.55	3.75	5.00	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Nickel	38.9	D	0.90	1.25	5.00	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Vanadium	233	D	0.36	1.25	25.0	ug/L
Q1382-18	OU4-PCS-TC-09-021725	Water	Zinc	767	D	2.80	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-10-021725									
Q1382-20	OU4-PCS-TC-10-021725	Water	Arsenic	2.80	JD	0.45	1.25	5.00	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Barium	116	D	1.50	6.25	50.0	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Beryllium	1.30	JD	0.80	1.25	5.00	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Chromium	11.2	D	2.00	3.75	10.0	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Copper	117	D	2.00	7.50	10.0	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Lead	2.15	JD	0.55	3.75	5.00	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Nickel	37.5	D	0.90	1.25	5.00	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Vanadium	231	D	0.36	1.25	25.0	ug/L
Q1382-20	OU4-PCS-TC-10-021725	Water	Zinc	769	D	2.80	7.50	25.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-38-2	Arsenic	2.10	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-39-3	Barium	125	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-41-7	Beryllium	1.00	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-47-3	Chromium	5.30	JD	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-50-8	Copper	95.8	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7439-92-1	Lead	1.45	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:06	SW7470A	
7440-02-0	Nickel	27.2	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-62-2	Vanadium	92.4	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:15	SW6020	3010A
7440-66-6	Zinc	698	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:15	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-38-2	Arsenic	2.10	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-39-3	Barium	111	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-41-7	Beryllium	1.05	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-47-3	Chromium	8.05	JD	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-50-8	Copper	104	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7439-92-1	Lead	1.55	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 10:56	SW7470A	
7440-02-0	Nickel	31.7	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-62-2	Vanadium	169	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:18	SW6020	3010A
7440-66-6	Zinc	817	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:18	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

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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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.45	JD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-38-2	Arsenic	2.60	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-39-3	Barium	121	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-41-7	Beryllium	1.05	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-47-3	Chromium	10.1	D	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-50-8	Copper	101	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7439-92-1	Lead	2.00	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 10:59	SW7470A	
7440-02-0	Nickel	32.3	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-62-2	Vanadium	190	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:22	SW6020	3010A
7440-66-6	Zinc	770	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:22	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
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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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-38-2	Arsenic	2.00	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-39-3	Barium	117	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-41-7	Beryllium	0.95	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-47-3	Chromium	8.10	JD	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-50-8	Copper	150	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7439-92-1	Lead	1.35	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:01	SW7470A	
7440-02-0	Nickel	33.1	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-62-2	Vanadium	103	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:25	SW6020	3010A
7440-66-6	Zinc	732	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:25	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-05-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-38-2	Arsenic	2.50	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-39-3	Barium	122	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-41-7	Beryllium	0.95	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-47-3	Chromium	7.80	JD	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-50-8	Copper	100	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7439-92-1	Lead	1.55	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:03	SW7470A	
7440-02-0	Nickel	31.2	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-62-2	Vanadium	156	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:28	SW6020	3010A
7440-66-6	Zinc	788	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:28	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-12	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-38-2	Arsenic	2.90	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-39-3	Barium	113	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-41-7	Beryllium	1.00	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-47-3	Chromium	16.8	D	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-50-8	Copper	109	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7439-92-1	Lead	2.10	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7439-97-6	Mercury	0.096	J	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:13	SW7470A	
7440-02-0	Nickel	40.2	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-62-2	Vanadium	237	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A
7440-66-6	Zinc	819	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:31	SW6020	3010A

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-07-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-14	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-38-2	Arsenic	2.55	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-39-3	Barium	122	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-41-7	Beryllium	1.15	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-47-3	Chromium	10.8	D	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-50-8	Copper	118	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7439-92-1	Lead	2.20	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:15	SW7470A	
7440-02-0	Nickel	36.7	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-62-2	Vanadium	224	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:44	SW6020	3010A
7440-66-6	Zinc	865	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:44	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-16	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-38-2	Arsenic	2.85	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-39-3	Barium	118	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-41-7	Beryllium	1.10	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-47-3	Chromium	10.3	D	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-50-8	Copper	102	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7439-92-1	Lead	1.80	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:18	SW7470A	
7440-02-0	Nickel	33.9	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-62-2	Vanadium	188	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:48	SW6020	3010A
7440-66-6	Zinc	726	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:48	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-18	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.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-38-2	Arsenic	2.80	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-39-3	Barium	105	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-41-7	Beryllium	1.10	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-47-3	Chromium	12.9	D	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-50-8	Copper	115	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7439-92-1	Lead	2.00	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:20	SW7470A	
7440-02-0	Nickel	38.9	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-62-2	Vanadium	233	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:51	SW6020	3010A
7440-66-6	Zinc	767	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:51	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:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-20	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-38-2	Arsenic	2.80	JDN	5	0.45	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-39-3	Barium	116	D	5	1.50	6.25	50.0	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-41-7	Beryllium	1.30	JD	5	0.80	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.50	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-47-3	Chromium	11.2	D	5	2.00	3.75	10.0	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-50-8	Copper	117	D	5	2.00	7.50	10.0	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7439-92-1	Lead	2.15	JD	5	0.55	3.75	5.00	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	02/24/25 07:20	02/24/25 11:22	SW7470A	
7440-02-0	Nickel	37.5	D	5	0.90	1.25	5.00	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	6.90	22.5	25.0	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.39	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.43	2.50	5.00	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-62-2	Vanadium	231	D	5	0.36	1.25	25.0	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A
7440-66-6	Zinc	769	D	5	2.80	7.50	25.0	ug/L	02/19/25 12:30	02/25/25 12:54	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
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LAB CHRONICLE

OrderID:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/21/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	
Q1382-02	OU4-PCS-TC-01-0217 25	Water			02/17/25			02/18/25
			SPLP Mercury	7470A		02/24/25	02/24/25	
			SPLP MetalGroup3	6020B		02/19/25	02/25/25	
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/21/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	
Q1382-04	OU4-PCS-TC-02-0217 25	Water			02/17/25			02/18/25
			SPLP Mercury	7470A		02/24/25	02/24/25	
			SPLP MetalGroup3	6020B		02/19/25	02/25/25	
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/21/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	
Q1382-06	OU4-PCS-TC-03-0217 25	Water			02/17/25			02/18/25
			SPLP Mercury	7470A		02/24/25	02/24/25	
			SPLP MetalGroup3	6020B		02/19/25	02/25/25	
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL			02/17/25			02/18/25
			Mercury	7471B		02/21/25	02/21/25	
			Metals ICP-TAL	6010D		02/18/25	02/19/25	

LAB CHRONICLE

Q1382-08	OU4-PCS-TC-04-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-09	OU4-PCS-TC-05-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/21/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-10	OU4-PCS-TC-05-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-11	OU4-PCS-TC-06-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/21/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-12	OU4-PCS-TC-06-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-13	OU4-PCS-TC-07-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/21/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-14	OU4-PCS-TC-07-0217 25	Water			02/17/25		02/18/25
			SPLP Mercury	7470A	02/24/25	02/24/25	
			SPLP MetalGroup3	6020B	02/19/25	02/25/25	
Q1382-15	OU4-PCS-TC-08-0217 25	SOIL			02/17/25		02/18/25
			Mercury	7471B	02/21/25	02/21/25	
			Metals ICP-TAL	6010D	02/18/25	02/19/25	
Q1382-16	OU4-PCS-TC-08-0217 25	Water			02/17/25		02/18/25

LAB CHRONICLE

Q1382-17	OU4-PCS-TC-09-0217 25	SOIL	SPLP Mercury	7470A	02/24/25	02/24/25	02/17/25	02/18/25
			SPLP MetalGroup3	6020B	02/19/25	02/25/25		
Q1382-18	OU4-PCS-TC-09-0217 25	Water	Mercury	7471B	02/21/25	02/21/25	02/17/25	02/18/25
			Metals ICP-TAL	6010D	02/18/25	02/19/25		
Q1382-19	OU4-PCS-TC-10-0217 25	SOIL	SPLP Mercury	7470A	02/24/25	02/24/25	02/17/25	02/18/25
			SPLP MetalGroup3	6020B	02/19/25	02/25/25		
Q1382-20	OU4-PCS-TC-10-0217 25	Water	Mercury	7471B	02/21/25	02/21/25	02/17/25	02/18/25
			Metals ICP-TAL	6010D	02/18/25	02/19/25		
			SPLP Mercury	7470A	02/24/25	02/24/25		
			SPLP MetalGroup3	6020B	02/19/25	02/25/25		



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25 08:30
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-01	Matrix:	SOIL
		% Solid:	91.9

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	0.27	mg/Kg	02/19/25 08:15	02/19/25 13:27	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:	02/17/25 08:35
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-03	Matrix:	SOIL
		% Solid:	91.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.046	0.21	0.26	mg/Kg	02/19/25 08:15	02/19/25 13:27	9012B

Comments:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
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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:	02/17/25 08:40
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-05	Matrix:	SOIL
		% Solid:	92.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.045	0.21	0.26	mg/Kg	02/19/25 08:15	02/19/25 13:34	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.
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OR = Over Range
N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25 08:45
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
		% Solid:	92.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.095	J	1	0.047	0.21	0.27	mg/Kg	02/19/25 08:15	02/19/25 13:34	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:	02/17/25 08:50
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-05-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-09	Matrix:	SOIL
		% Solid:	92

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.058	J	1	0.046	0.21	0.26	mg/Kg	02/19/25 08:15	02/19/25 13:34	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:	02/17/25 08:55
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
		% Solid:	92.2

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	0.27	mg/Kg	02/19/25 08:15	02/19/25 13:34	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:	02/17/25 09:00
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-07-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-13	Matrix:	SOIL
		% Solid:	92.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.13	J	1	0.048	0.22	0.27	mg/Kg	02/19/25 08:15	02/19/25 13:34	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:	02/17/25 09:05
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-15	Matrix:	SOIL
		% Solid:	92.6

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	0.27	mg/Kg	02/19/25 08:15	02/19/25 13:34	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:	02/17/25 09:10
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-17	Matrix:	SOIL
		% Solid:	92.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.070	J	1	0.047	0.21	0.26	mg/Kg	02/19/25 08:15	02/19/25 13:34	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:	02/17/25 09:15
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
		% Solid:	93.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.046	0.21	0.26	mg/Kg	02/19/25 08:15	02/19/25 13:34	9012B

Comments:

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 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
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 H = Sample Analysis Out Of Hold Time

J = Estimated Value
 B = Analyte Found in Associated Method Blank
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 OR = Over Range
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q1382	OrderDate:	2/18/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	OU4-PCS-TC-01-0217 25	SOIL	Cyanide	9012B	02/17/25 08:30	02/19/25	02/19/25 13:27	02/18/25
Q1382-03	OU4-PCS-TC-02-0217 25	SOIL	Cyanide	9012B	02/17/25 08:35	02/19/25	02/19/25 13:27	02/18/25
Q1382-05	OU4-PCS-TC-03-0217 25	SOIL	Cyanide	9012B	02/17/25 08:40	02/19/25	02/19/25 13:34	02/18/25
Q1382-07	OU4-PCS-TC-04-0217 25	SOIL	Cyanide	9012B	02/17/25 08:45	02/19/25	02/19/25 13:34	02/18/25
Q1382-09	OU4-PCS-TC-05-0217 25	SOIL	Cyanide	9012B	02/17/25 08:50	02/19/25	02/19/25 13:34	02/18/25
Q1382-11	OU4-PCS-TC-06-0217 25	SOIL	Cyanide	9012B	02/17/25 08:55	02/19/25	02/19/25 13:34	02/18/25
Q1382-13	OU4-PCS-TC-07-0217 25	SOIL	Cyanide	9012B	02/17/25 09:00	02/19/25	02/19/25 13:34	02/18/25

LAB CHRONICLE

Q1382-15	OU4-PCS-TC-08-0217 25	SOIL	02/17/25 09:05				02/18/25
			Cyanide	9012B	02/19/25	02/19/25 13:34	
Q1382-17	OU4-PCS-TC-09-0217 25	SOIL	02/17/25 09:10				02/18/25
			Cyanide	9012B	02/19/25	02/19/25 13:34	
Q1382-19	OU4-PCS-TC-10-0217 25	SOIL	02/17/25 09:15				02/18/25
			Cyanide	9012B	02/19/25	02/19/25 13:34	