

Hit Summary Sheet
SW-846

SDG No.: Q1730

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID: Q1730-01	OU4-VSL-15-040325 OU4-VSL-15-040325 SOIL	Acetone		0.016	J	0.0047	0.020	0.025	mg/Kg
		Total Voc :		0.016					
		Total Concentration:		0.016					
Client ID: Q1730-03	OU4-VSL-16-040325 OU4-VSL-16-040325 SOIL	Acetone		0.014	J	0.0048	0.020	0.025	mg/Kg
		Total Voc :		0.014					
		Total Concentration:		0.014					
Client ID: Q1730-05	OU4-VSL-17-040325 OU4-VSL-17-040325 SOIL	Acetone		0.024		0.0045	0.019	0.024	mg/Kg
		Total Voc :		0.024					
		Total Concentration:		0.024					
Client ID: Q1730-07	OU4-PCS-TC-21-040325 OU4-PCS-TC-21-040325 SOIL	Acetone		0.021	J	0.0048	0.020	0.025	mg/Kg
		Total Voc :		0.021					
		Total Concentration:		0.021					
Client ID: Q1730-11	OU4-PCS-TC-23-040325 OU4-PCS-TC-23-040325 SOIL	Acetone		0.028		0.0044	0.019	0.023	mg/Kg
		Total Voc :		0.028					
		Total Concentration:		0.028					
Client ID: Q1730-13	OU4-PCS-TC-24-040325 OU4-PCS-TC-24-040325 SOIL	Acetone		0.017	J	0.0041	0.017	0.021	mg/Kg
		Total Voc :		0.017					
		Total Concentration:		0.017					
Client ID: Q1730-15	OU4-PCS-TC-25-040325 OU4-PCS-TC-25-040325 SOIL	Acetone		0.029		0.0043	0.018	0.023	mg/Kg
		Total Voc :		0.029					
		Total Concentration:		0.029					
Client ID: Q1730-17	OU4-PCS-TC-26-040325 OU4-PCS-TC-26-040325 SOIL	Acetone		0.10		0.0041	0.017	0.022	mg/Kg
		Total Voc :		0.10					
		Total Concentration:		0.10					
Client ID: Q1730-19	OU4-CF-15-040325 OU4-CF-15-040325 SOIL	Acetone		0.017	J	0.0046	0.019	0.024	mg/Kg
		Total Voc :		0.017					
		Total Concentration:		0.017					

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.9
Sample Wt/Vol:	5.21 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
VY021781.D	1		04/04/25 13:27	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0011	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0011	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0046	0.012	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00099	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	0.025	mg/Kg
67-64-1	Acetone	0.016	J	0.0047	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0079	U	0.0035	0.0079	0.0099	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00085	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0065	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00096	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00083	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00092	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00090	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00088	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0035	0.012	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.9
Sample Wt/Vol:	5.21 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
VY021781.D	1		04/04/25 13:27	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00091	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0037	0.012	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00090	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00076	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0012	0.0050	0.0099	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0020	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00070	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00085	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.0017	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.0015	0.0025	0.0050	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.9
Sample Wt/Vol:	5.21 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
VY021781.D	1		04/04/25 13:27	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.0014	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.0014	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	U	0.0018	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0040	U	0.0029	0.0040	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.0019	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0040	U	0.0031	0.0040	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.3		71 - 136		97%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		78 - 119		96%	SPK: 50
2037-26-5	Toluene-d8	49.0		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	343000	7.707				
540-36-3	1,4-Difluorobenzene	647000	8.616				
3114-55-4	Chlorobenzene-d5	574000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	229000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	5.22 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
VY021782.D	1		04/04/25 13:50	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0041	U	0.0012	0.0041	0.0051	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
74-83-9	Bromomethane	0.0041	U	0.0011	0.0041	0.0051	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0013	0.0025	0.0051	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0047	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0041	U	0.0012	0.0041	0.0051	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.0010	0.0025	0.0051	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.014	J	0.0048	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0041	U	0.0011	0.0041	0.0051	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00074	0.0025	0.0051	mg/Kg
75-09-2	Methylene Chloride	0.0081	U	0.0036	0.0081	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00087	0.0025	0.0051	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00081	0.0025	0.0051	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0066	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00098	0.0025	0.0051	mg/Kg
594-20-7	2,2-Dichloropropane	0.0041	U	0.0013	0.0041	0.0051	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00076	0.0025	0.0051	mg/Kg
67-66-3	Chloroform	0.0041	U	0.00085	0.0041	0.0051	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00094	0.0025	0.0051	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00088	0.0025	0.0051	mg/Kg
71-43-2	Benzene	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00082	0.0025	0.0051	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00092	0.0025	0.0051	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00090	0.0025	0.0051	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0036	0.013	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-16-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.5	
Sample Wt/Vol:	5.22	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
VY021782.D	1		04/04/25 13:50	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00066	0.0025	0.0051	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00063	0.0025	0.0051	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00093	0.0025	0.0051	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00069	0.0025	0.0051	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0037	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00088	0.0025	0.0051	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00089	0.0025	0.0051	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00092	0.0025	0.0051	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00078	0.0025	0.0051	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
179601-23-1	m/p-Xylenes	0.0051	U	0.0013	0.0051	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0076	U	0.0021	0.0076	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00083	0.0025	0.0051	mg/Kg
100-42-5	Styrene	0.0025	U	0.00072	0.0025	0.0051	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00087	0.0025	0.0051	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0041	U	0.0013	0.0041	0.0051	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00074	0.0025	0.0051	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00069	0.0025	0.0051	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00083	0.0025	0.0051	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.00065	0.0025	0.0051	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0051	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00063	0.0025	0.0051	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.0017	0.0025	0.0051	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.0016	0.0025	0.0051	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	5.22 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
VY021782.D	1		04/04/25 13:50	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.0015	0.0025	0.0051	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.0015	0.0025	0.0051	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0041	U	0.0019	0.0041	0.0051	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0041	U	0.0030	0.0041	0.0051	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.0019	0.0025	0.0051	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0041	U	0.0032	0.0041	0.0051	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.7		71 - 136		115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.5		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		79 - 119		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	303000	7.713				
540-36-3	1,4-Difluorobenzene	591000	8.616				
3114-55-4	Chlorobenzene-d5	546000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	230000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	5.7 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
VY021783.D	1		04/04/25 14:13	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0038	U	0.0011	0.0038	0.0047	mg/Kg
74-87-3	Chloromethane	0.0024	U	0.0011	0.0024	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
74-83-9	Bromomethane	0.0038	U	0.0010	0.0038	0.0047	mg/Kg
75-00-3	Chloroethane	0.0024	U	0.0012	0.0024	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0044	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0038	U	0.0011	0.0038	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00095	0.0024	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.024	mg/Kg
67-64-1	Acetone	0.024		0.0045	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0038	U	0.0010	0.0038	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00069	0.0024	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0076	U	0.0034	0.0076	0.0095	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00082	0.0024	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00076	0.0024	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0062	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00092	0.0024	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0038	U	0.0012	0.0038	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00071	0.0024	0.0047	mg/Kg
67-66-3	Chloroform	0.0038	U	0.00080	0.0038	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00088	0.0024	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00083	0.0024	0.0047	mg/Kg
71-43-2	Benzene	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00086	0.0024	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00084	0.0024	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0034	0.012	0.024	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-17-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-05		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.4	
Sample Wt/Vol:	5.7	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
VY021783.D	1		04/04/25 14:13	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00087	0.0024	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00065	0.0024	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0035	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00083	0.0024	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00084	0.0024	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00086	0.0024	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00073	0.0024	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0012	0.0047	0.0095	mg/Kg
1330-20-7	Total Xylenes	0.0071	U	0.0020	0.0071	0.014	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00078	0.0024	0.0047	mg/Kg
100-42-5	Styrene	0.0024	U	0.00067	0.0024	0.0047	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00082	0.0024	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0011	0.0024	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0038	U	0.0012	0.0038	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.0011	0.0024	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00069	0.0024	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00065	0.0024	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00078	0.0024	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.0012	0.0024	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.0016	0.0024	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.0015	0.0024	0.0047	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	5.7 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
VY021783.D	1		04/04/25 14:13	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.0014	0.0024	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.0014	0.0024	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0038	U	0.0017	0.0038	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0038	U	0.0028	0.0038	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.0018	0.0024	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0038	U	0.0030	0.0038	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.1		71 - 136		100%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		78 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	49.2		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		79 - 119		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	346000	7.707				
540-36-3	1,4-Difluorobenzene	659000	8.616				
3114-55-4	Chlorobenzene-d5	588000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	238000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89
Sample Wt/Vol:	5.52 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
VY021784.D	1		04/04/25 14:37	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0041	U	0.0012	0.0041	0.0051	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
74-83-9	Bromomethane	0.0041	U	0.0011	0.0041	0.0051	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0013	0.0025	0.0051	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0048	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0041	U	0.0012	0.0041	0.0051	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.0010	0.0025	0.0051	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0051	0.013	0.025	mg/Kg
67-64-1	Acetone	0.021	J	0.0048	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0041	U	0.0011	0.0041	0.0051	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00074	0.0025	0.0051	mg/Kg
75-09-2	Methylene Chloride	0.0081	U	0.0036	0.0081	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00088	0.0025	0.0051	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00081	0.0025	0.0051	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0067	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00099	0.0025	0.0051	mg/Kg
594-20-7	2,2-Dichloropropane	0.0041	U	0.0013	0.0041	0.0051	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00076	0.0025	0.0051	mg/Kg
67-66-3	Chloroform	0.0041	U	0.00085	0.0041	0.0051	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00095	0.0025	0.0051	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00089	0.0025	0.0051	mg/Kg
71-43-2	Benzene	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00080	0.0025	0.0051	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00082	0.0025	0.0051	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00093	0.0025	0.0051	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00091	0.0025	0.0051	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0036	0.013	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89
Sample Wt/Vol:	5.52 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
VY021784.D	1		04/04/25 14:37	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00066	0.0025	0.0051	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00063	0.0025	0.0051	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00094	0.0025	0.0051	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00069	0.0025	0.0051	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0038	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00089	0.0025	0.0051	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00090	0.0025	0.0051	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00093	0.0025	0.0051	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00078	0.0025	0.0051	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
179601-23-1	m/p-Xylenes	0.0051	U	0.0013	0.0051	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0076	U	0.0021	0.0076	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00083	0.0025	0.0051	mg/Kg
100-42-5	Styrene	0.0025	U	0.00072	0.0025	0.0051	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00088	0.0025	0.0051	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00079	0.0025	0.0051	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0041	U	0.0013	0.0041	0.0051	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00074	0.0025	0.0051	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00069	0.0025	0.0051	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00083	0.0025	0.0051	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.0012	0.0025	0.0051	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00068	0.0025	0.0051	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.00065	0.0025	0.0051	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0051	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00063	0.0025	0.0051	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.0017	0.0025	0.0051	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.0016	0.0025	0.0051	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89
Sample Wt/Vol:	5.52 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
VY021784.D	1		04/04/25 14:37	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.0015	0.0025	0.0051	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.0015	0.0025	0.0051	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0041	U	0.0019	0.0041	0.0051	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0041	U	0.0030	0.0041	0.0051	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.0019	0.0025	0.0051	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0041	U	0.0032	0.0041	0.0051	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.0011	0.0025	0.0051	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.9		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	49.9		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	300000	7.707				
540-36-3	1,4-Difluorobenzene	589000	8.616				
3114-55-4	Chlorobenzene-d5	559000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	6.58 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
VY021785.D	1		04/04/25 15:00	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0033	U	0.00095	0.0033	0.0042	mg/Kg
74-87-3	Chloromethane	0.0021	U	0.00095	0.0021	0.0042	mg/Kg
75-01-4	Vinyl Chloride	0.0021	U	0.00066	0.0021	0.0042	mg/Kg
74-83-9	Bromomethane	0.0033	U	0.00090	0.0033	0.0042	mg/Kg
75-00-3	Chloroethane	0.0021	U	0.0011	0.0021	0.0042	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0039	0.011	0.021	mg/Kg
75-69-4	Trichlorofluoromethane	0.0033	U	0.0010	0.0033	0.0042	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0021	U	0.00089	0.0021	0.0042	mg/Kg
75-35-4	1,1-Dichloroethene	0.0021	U	0.00084	0.0021	0.0042	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0042	0.011	0.021	mg/Kg
67-64-1	Acetone	0.017	U	0.0040	0.017	0.021	mg/Kg
75-15-0	Carbon Disulfide	0.0033	U	0.00089	0.0033	0.0042	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0021	U	0.00061	0.0021	0.0042	mg/Kg
75-09-2	Methylene Chloride	0.0067	U	0.0030	0.0067	0.0084	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0021	U	0.00072	0.0021	0.0042	mg/Kg
75-34-3	1,1-Dichloroethane	0.0021	U	0.00067	0.0021	0.0042	mg/Kg
78-93-3	2-Butanone	0.017	U	0.0055	0.017	0.021	mg/Kg
56-23-5	Carbon Tetrachloride	0.0021	U	0.00081	0.0021	0.0042	mg/Kg
594-20-7	2,2-Dichloropropane	0.0033	U	0.0011	0.0033	0.0042	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0021	U	0.00063	0.0021	0.0042	mg/Kg
67-66-3	Chloroform	0.0033	U	0.00070	0.0033	0.0042	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0021	U	0.00078	0.0021	0.0042	mg/Kg
563-58-6	1,1-Dichloropropene	0.0021	U	0.00073	0.0021	0.0042	mg/Kg
71-43-2	Benzene	0.0021	U	0.00066	0.0021	0.0042	mg/Kg
107-06-2	1,2-Dichloroethane	0.0021	U	0.00066	0.0021	0.0042	mg/Kg
79-01-6	Trichloroethene	0.0021	U	0.00068	0.0021	0.0042	mg/Kg
78-87-5	1,2-Dichloropropane	0.0021	U	0.00076	0.0021	0.0042	mg/Kg
74-95-3	Dibromomethane	0.0021	U	0.00074	0.0021	0.0042	mg/Kg
75-27-4	Bromodichloromethane	0.0021	U	0.00065	0.0021	0.0042	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0030	0.011	0.021	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-22-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-09		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90.8	
Sample Wt/Vol:	6.58	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
VY021785.D	1		04/04/25 15:00	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0021	U	0.00065	0.0021	0.0042	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0021	U	0.00054	0.0021	0.0042	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0021	U	0.00052	0.0021	0.0042	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0021	U	0.00077	0.0021	0.0042	mg/Kg
142-28-9	1,3-Dichloropropane	0.0021	U	0.00057	0.0021	0.0042	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0031	0.011	0.021	mg/Kg
124-48-1	Dibromochloromethane	0.0021	U	0.00073	0.0021	0.0042	mg/Kg
106-93-4	1,2-Dibromoethane	0.0021	U	0.00074	0.0021	0.0042	mg/Kg
127-18-4	Tetrachloroethene	0.0021	U	0.00088	0.0021	0.0042	mg/Kg
108-90-7	Chlorobenzene	0.0021	U	0.00076	0.0021	0.0042	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0021	U	0.00064	0.0021	0.0042	mg/Kg
100-41-4	Ethyl Benzene	0.0021	U	0.00056	0.0021	0.0042	mg/Kg
179601-23-1	m/p-Xylenes	0.0042	U	0.0010	0.0042	0.0084	mg/Kg
1330-20-7	Total Xylenes	0.0063	U	0.0017	0.0063	0.013	mg/Kg
95-47-6	o-Xylene	0.0021	U	0.00069	0.0021	0.0042	mg/Kg
100-42-5	Styrene	0.0021	U	0.00059	0.0021	0.0042	mg/Kg
75-25-2	Bromoform	0.0021	U	0.00072	0.0021	0.0042	mg/Kg
98-82-8	Isopropylbenzene	0.0021	U	0.00065	0.0021	0.0042	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0021	U	0.0010	0.0021	0.0042	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0033	U	0.0010	0.0033	0.0042	mg/Kg
108-86-1	Bromobenzene	0.0021	U	0.0010	0.0021	0.0042	mg/Kg
103-65-1	n-propylbenzene	0.0021	U	0.00061	0.0021	0.0042	mg/Kg
95-49-8	2-Chlorotoluene	0.0021	U	0.00057	0.0021	0.0042	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0021	U	0.00069	0.0021	0.0042	mg/Kg
106-43-4	4-Chlorotoluene	0.0021	U	0.0010	0.0021	0.0042	mg/Kg
98-06-6	tert-Butylbenzene	0.0021	U	0.00056	0.0021	0.0042	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0021	U	0.00054	0.0021	0.0042	mg/Kg
135-98-8	sec-Butylbenzene	0.0021	U	0.00055	0.0021	0.0042	mg/Kg
99-87-6	p-Isopropyltoluene	0.0021	U	0.00052	0.0021	0.0042	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0021	U	0.0014	0.0021	0.0042	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0021	U	0.0013	0.0021	0.0042	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-22-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-09		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90.8	
Sample Wt/Vol:	6.58	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
VY021785.D	1		04/04/25 15:00	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0021	U	0.0012	0.0021	0.0042	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0021	U	0.0012	0.0021	0.0042	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0033	U	0.0015	0.0033	0.0042	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0033	U	0.0025	0.0033	0.0042	mg/Kg
87-68-3	Hexachlorobutadiene	0.0021	U	0.0016	0.0021	0.0042	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0033	U	0.0027	0.0033	0.0042	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0021	U	0.00089	0.0021	0.0042	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.5		71 - 136		117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.2		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	302000	7.707				
540-36-3	1,4-Difluorobenzene	597000	8.616				
3114-55-4	Chlorobenzene-d5	562000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	235000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.9
Sample Wt/Vol:	5.9 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021786.D	1		04/04/25 15:24	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0011	0.0037	0.0047	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.0010	0.0037	0.0047	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.0012	0.0023	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0044	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.0011	0.0037	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00099	0.0023	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00093	0.0023	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0046	0.012	0.023	mg/Kg
67-64-1	Acetone	0.028		0.0044	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.00099	0.0037	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00068	0.0023	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0075	U	0.0033	0.0075	0.0093	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00080	0.0023	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00075	0.0023	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0061	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00090	0.0023	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0012	0.0037	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00070	0.0023	0.0047	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00078	0.0037	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00087	0.0023	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00081	0.0023	0.0047	mg/Kg
71-43-2	Benzene	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00074	0.0023	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00085	0.0023	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00083	0.0023	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0033	0.012	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.9
Sample Wt/Vol:	5.9 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021786.D	1		04/04/25 15:24	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00061	0.0023	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00086	0.0023	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0034	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00081	0.0023	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00082	0.0023	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00098	0.0023	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00085	0.0023	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00072	0.0023	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0012	0.0047	0.0093	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	0.00076	0.0023	0.0047	mg/Kg
100-42-5	Styrene	0.0023	U	0.00066	0.0023	0.0047	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00080	0.0023	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00073	0.0023	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0011	0.0023	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0012	0.0037	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.0011	0.0023	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00068	0.0023	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00063	0.0023	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00076	0.0023	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.0011	0.0023	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.00060	0.0023	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00062	0.0023	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00058	0.0023	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.0016	0.0023	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.0015	0.0023	0.0047	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.9
Sample Wt/Vol:	5.9 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021786.D	1		04/04/25 15:24	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.0014	0.0023	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.0014	0.0023	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0017	0.0037	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0037	U	0.0028	0.0037	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.0018	0.0023	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0037	U	0.0030	0.0037	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00099	0.0023	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.0		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.7		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		79 - 119		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	342000	7.707				
540-36-3	1,4-Difluorobenzene	663000	8.616				
3114-55-4	Chlorobenzene-d5	607000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	251000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.3
Sample Wt/Vol:	6.4 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
VY021787.D	1		04/04/25 15:47	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0034	U	0.00098	0.0034	0.0043	mg/Kg
74-87-3	Chloromethane	0.0021	U	0.00098	0.0021	0.0043	mg/Kg
75-01-4	Vinyl Chloride	0.0021	U	0.00068	0.0021	0.0043	mg/Kg
74-83-9	Bromomethane	0.0034	U	0.00092	0.0034	0.0043	mg/Kg
75-00-3	Chloroethane	0.0021	U	0.0011	0.0021	0.0043	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0040	0.011	0.021	mg/Kg
75-69-4	Trichlorofluoromethane	0.0034	U	0.0010	0.0034	0.0043	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0021	U	0.00091	0.0021	0.0043	mg/Kg
75-35-4	1,1-Dichloroethene	0.0021	U	0.00086	0.0021	0.0043	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0043	0.011	0.021	mg/Kg
67-64-1	Acetone	0.017	J	0.0041	0.017	0.021	mg/Kg
75-15-0	Carbon Disulfide	0.0034	U	0.00091	0.0034	0.0043	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0021	U	0.00062	0.0021	0.0043	mg/Kg
75-09-2	Methylene Chloride	0.0068	U	0.0030	0.0068	0.0086	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0021	U	0.00074	0.0021	0.0043	mg/Kg
75-34-3	1,1-Dichloroethane	0.0021	U	0.00068	0.0021	0.0043	mg/Kg
78-93-3	2-Butanone	0.017	U	0.0056	0.017	0.021	mg/Kg
56-23-5	Carbon Tetrachloride	0.0021	U	0.00083	0.0021	0.0043	mg/Kg
594-20-7	2,2-Dichloropropane	0.0034	U	0.0011	0.0034	0.0043	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0021	U	0.00064	0.0021	0.0043	mg/Kg
67-66-3	Chloroform	0.0034	U	0.00072	0.0034	0.0043	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0021	U	0.00080	0.0021	0.0043	mg/Kg
563-58-6	1,1-Dichloropropene	0.0021	U	0.00074	0.0021	0.0043	mg/Kg
71-43-2	Benzene	0.0021	U	0.00068	0.0021	0.0043	mg/Kg
107-06-2	1,2-Dichloroethane	0.0021	U	0.00068	0.0021	0.0043	mg/Kg
79-01-6	Trichloroethene	0.0021	U	0.00069	0.0021	0.0043	mg/Kg
78-87-5	1,2-Dichloropropane	0.0021	U	0.00078	0.0021	0.0043	mg/Kg
74-95-3	Dibromomethane	0.0021	U	0.00076	0.0021	0.0043	mg/Kg
75-27-4	Bromodichloromethane	0.0021	U	0.00067	0.0021	0.0043	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0031	0.011	0.021	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.3
Sample Wt/Vol:	6.4 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
VY021787.D	1		04/04/25 15:47	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0021	U	0.00067	0.0021	0.0043	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0021	U	0.00056	0.0021	0.0043	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0021	U	0.00053	0.0021	0.0043	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0021	U	0.00079	0.0021	0.0043	mg/Kg
142-28-9	1,3-Dichloropropane	0.0021	U	0.00058	0.0021	0.0043	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0032	0.011	0.021	mg/Kg
124-48-1	Dibromochloromethane	0.0021	U	0.00074	0.0021	0.0043	mg/Kg
106-93-4	1,2-Dibromoethane	0.0021	U	0.00075	0.0021	0.0043	mg/Kg
127-18-4	Tetrachloroethene	0.0021	U	0.00090	0.0021	0.0043	mg/Kg
108-90-7	Chlorobenzene	0.0021	U	0.00078	0.0021	0.0043	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0021	U	0.00066	0.0021	0.0043	mg/Kg
100-41-4	Ethyl Benzene	0.0021	U	0.00057	0.0021	0.0043	mg/Kg
179601-23-1	m/p-Xylenes	0.0043	U	0.0011	0.0043	0.0086	mg/Kg
1330-20-7	Total Xylenes	0.0064	U	0.0018	0.0064	0.013	mg/Kg
95-47-6	o-Xylene	0.0021	U	0.00070	0.0021	0.0043	mg/Kg
100-42-5	Styrene	0.0021	U	0.00061	0.0021	0.0043	mg/Kg
75-25-2	Bromoform	0.0021	U	0.00074	0.0021	0.0043	mg/Kg
98-82-8	Isopropylbenzene	0.0021	U	0.00067	0.0021	0.0043	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0021	U	0.0010	0.0021	0.0043	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0034	U	0.0011	0.0034	0.0043	mg/Kg
108-86-1	Bromobenzene	0.0021	U	0.0010	0.0021	0.0043	mg/Kg
103-65-1	n-propylbenzene	0.0021	U	0.00062	0.0021	0.0043	mg/Kg
95-49-8	2-Chlorotoluene	0.0021	U	0.00058	0.0021	0.0043	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0021	U	0.00070	0.0021	0.0043	mg/Kg
106-43-4	4-Chlorotoluene	0.0021	U	0.0010	0.0021	0.0043	mg/Kg
98-06-6	tert-Butylbenzene	0.0021	U	0.00057	0.0021	0.0043	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0021	U	0.00055	0.0021	0.0043	mg/Kg
135-98-8	sec-Butylbenzene	0.0021	U	0.00056	0.0021	0.0043	mg/Kg
99-87-6	p-Isopropyltoluene	0.0021	U	0.00053	0.0021	0.0043	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0021	U	0.0015	0.0021	0.0043	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0021	U	0.0013	0.0021	0.0043	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-24-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-13		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.3	
Sample Wt/Vol:	6.4	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
VY021787.D	1		04/04/25 15:47	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0021	U	0.0012	0.0021	0.0043	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0021	U	0.0012	0.0021	0.0043	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0034	U	0.0016	0.0034	0.0043	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0034	U	0.0025	0.0034	0.0043	mg/Kg
87-68-3	Hexachlorobutadiene	0.0021	U	0.0016	0.0021	0.0043	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0034	U	0.0027	0.0034	0.0043	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0021	U	0.00091	0.0021	0.0043	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.1		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.4		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		79 - 119		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	312000	7.707				
540-36-3	1,4-Difluorobenzene	617000	8.616				
3114-55-4	Chlorobenzene-d5	589000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	248000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.94 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
VY021788.D	1		04/04/25 16:11	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0036	U	0.0010	0.0036	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0010	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0036	U	0.00097	0.0036	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0042	0.011	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0036	U	0.0011	0.0036	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00096	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00091	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0045	0.011	0.023	mg/Kg
67-64-1	Acetone	0.029		0.0043	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0036	U	0.00096	0.0036	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0073	U	0.0032	0.0073	0.0091	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	0.00073	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0060	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00088	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0036	U	0.0012	0.0036	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0036	U	0.00076	0.0036	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00085	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00079	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00083	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0033	0.011	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.94 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
VY021788.D	1		04/04/25 16:11	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00084	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0034	0.011	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00079	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00096	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00083	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00070	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0011	0.0046	0.0091	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	0.00075	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00065	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0036	U	0.0011	0.0036	0.0046	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.0016	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.0014	0.0023	0.0046	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-25-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-15		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.5	
Sample Wt/Vol:	5.94	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
VY021788.D	1		04/04/25 16:11	VY040425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0036	U	0.0017	0.0036	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0036	U	0.0027	0.0036	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.0017	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0036	U	0.0029	0.0036	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00096	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.6		71 - 136		111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.2		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	321000	7.707				
540-36-3	1,4-Difluorobenzene	630000	8.616				
3114-55-4	Chlorobenzene-d5	590000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	248000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-17	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.1
Sample Wt/Vol:	6.29 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021798.D	1		04/07/25 15:10	VY040725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0035	U	0.00098	0.0035	0.0043	mg/Kg
74-87-3	Chloromethane	0.0022	U	0.00098	0.0022	0.0043	mg/Kg
75-01-4	Vinyl Chloride	0.0022	U	0.00068	0.0022	0.0043	mg/Kg
74-83-9	Bromomethane	0.0035	U	0.00092	0.0035	0.0043	mg/Kg
75-00-3	Chloroethane	0.0022	U	0.0011	0.0022	0.0043	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0040	0.011	0.022	mg/Kg
75-69-4	Trichlorofluoromethane	0.0035	U	0.0010	0.0035	0.0043	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0022	U	0.00091	0.0022	0.0043	mg/Kg
75-35-4	1,1-Dichloroethene	0.0022	U	0.00086	0.0022	0.0043	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0043	0.011	0.022	mg/Kg
67-64-1	Acetone	0.10		0.0041	0.017	0.022	mg/Kg
75-15-0	Carbon Disulfide	0.0035	U	0.00091	0.0035	0.0043	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0022	U	0.00063	0.0022	0.0043	mg/Kg
75-09-2	Methylene Chloride	0.0069	U	0.0030	0.0069	0.0086	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0022	U	0.00074	0.0022	0.0043	mg/Kg
75-34-3	1,1-Dichloroethane	0.0022	U	0.00069	0.0022	0.0043	mg/Kg
78-93-3	2-Butanone	0.017	U	0.0056	0.017	0.022	mg/Kg
56-23-5	Carbon Tetrachloride	0.0022	U	0.00084	0.0022	0.0043	mg/Kg
594-20-7	2,2-Dichloropropane	0.0035	U	0.0011	0.0035	0.0043	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0022	U	0.00065	0.0022	0.0043	mg/Kg
67-66-3	Chloroform	0.0035	U	0.00073	0.0035	0.0043	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0022	U	0.00080	0.0022	0.0043	mg/Kg
563-58-6	1,1-Dichloropropene	0.0022	U	0.00075	0.0022	0.0043	mg/Kg
71-43-2	Benzene	0.0022	U	0.00068	0.0022	0.0043	mg/Kg
107-06-2	1,2-Dichloroethane	0.0022	U	0.00068	0.0022	0.0043	mg/Kg
79-01-6	Trichloroethene	0.0022	U	0.00070	0.0022	0.0043	mg/Kg
78-87-5	1,2-Dichloropropane	0.0022	U	0.00079	0.0022	0.0043	mg/Kg
74-95-3	Dibromomethane	0.0022	U	0.00077	0.0022	0.0043	mg/Kg
75-27-4	Bromodichloromethane	0.0022	U	0.00067	0.0022	0.0043	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0031	0.011	0.022	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-26-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-17		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.1	
Sample Wt/Vol:	6.29	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021798.D	1		04/07/25 15:10	VY040725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0022	U	0.00067	0.0022	0.0043	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0022	U	0.00056	0.0022	0.0043	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0022	U	0.00054	0.0022	0.0043	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0022	U	0.00079	0.0022	0.0043	mg/Kg
142-28-9	1,3-Dichloropropane	0.0022	U	0.00059	0.0022	0.0043	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0032	0.011	0.022	mg/Kg
124-48-1	Dibromochloromethane	0.0022	U	0.00075	0.0022	0.0043	mg/Kg
106-93-4	1,2-Dibromoethane	0.0022	U	0.00076	0.0022	0.0043	mg/Kg
127-18-4	Tetrachloroethene	0.0022	U	0.00091	0.0022	0.0043	mg/Kg
108-90-7	Chlorobenzene	0.0022	U	0.00079	0.0022	0.0043	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0022	U	0.00066	0.0022	0.0043	mg/Kg
100-41-4	Ethyl Benzene	0.0022	U	0.00058	0.0022	0.0043	mg/Kg
179601-23-1	m/p-Xylenes	0.0043	U	0.0011	0.0043	0.0086	mg/Kg
1330-20-7	Total Xylenes	0.0065	U	0.0018	0.0065	0.013	mg/Kg
95-47-6	o-Xylene	0.0022	U	0.00071	0.0022	0.0043	mg/Kg
100-42-5	Styrene	0.0022	U	0.00061	0.0022	0.0043	mg/Kg
75-25-2	Bromoform	0.0022	U	0.00074	0.0022	0.0043	mg/Kg
98-82-8	Isopropylbenzene	0.0022	U	0.00067	0.0022	0.0043	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0022	U	0.0010	0.0022	0.0043	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0035	U	0.0011	0.0035	0.0043	mg/Kg
108-86-1	Bromobenzene	0.0022	U	0.0010	0.0022	0.0043	mg/Kg
103-65-1	n-propylbenzene	0.0022	U	0.00063	0.0022	0.0043	mg/Kg
95-49-8	2-Chlorotoluene	0.0022	U	0.00059	0.0022	0.0043	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0022	U	0.00071	0.0022	0.0043	mg/Kg
106-43-4	4-Chlorotoluene	0.0022	U	0.0011	0.0022	0.0043	mg/Kg
98-06-6	tert-Butylbenzene	0.0022	U	0.00058	0.0022	0.0043	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0022	U	0.00055	0.0022	0.0043	mg/Kg
135-98-8	sec-Butylbenzene	0.0022	U	0.00057	0.0022	0.0043	mg/Kg
99-87-6	p-Isopropyltoluene	0.0022	U	0.00054	0.0022	0.0043	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0022	U	0.0015	0.0022	0.0043	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0022	U	0.0013	0.0022	0.0043	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-26-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-17		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.1	
Sample Wt/Vol:	6.29	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021798.D	1		04/07/25 15:10	VY040725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0022	U	0.0013	0.0022	0.0043	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0022	U	0.0013	0.0022	0.0043	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0035	U	0.0016	0.0035	0.0043	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0035	U	0.0026	0.0035	0.0043	mg/Kg
87-68-3	Hexachlorobutadiene	0.0022	U	0.0016	0.0022	0.0043	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0035	U	0.0027	0.0035	0.0043	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0022	U	0.00091	0.0022	0.0043	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.3		71 - 136		111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	49.3		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.7		79 - 119		83%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	179000	7.713				
540-36-3	1,4-Difluorobenzene	308000	8.616				
3114-55-4	Chlorobenzene-d5	258000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	113000	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.9
Sample Wt/Vol:	5.48 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021799.D	1		04/07/25 15:32	VY040725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0039	U	0.0011	0.0039	0.0049	mg/Kg
74-87-3	Chloromethane	0.0024	U	0.0011	0.0024	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0024	U	0.00077	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	U	0.0012	0.0024	0.0049	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0045	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.0012	0.0039	0.0049	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	0.00097	0.0024	0.0049	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0048	0.012	0.024	mg/Kg
67-64-1	Acetone	0.017	J	0.0046	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0010	0.0039	0.0049	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00071	0.0024	0.0049	mg/Kg
75-09-2	Methylene Chloride	0.0078	U	0.0034	0.0078	0.0097	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00084	0.0024	0.0049	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00078	0.0024	0.0049	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0064	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00094	0.0024	0.0049	mg/Kg
594-20-7	2,2-Dichloropropane	0.0039	U	0.0012	0.0039	0.0049	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00073	0.0024	0.0049	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00082	0.0039	0.0049	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00090	0.0024	0.0049	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00085	0.0024	0.0049	mg/Kg
71-43-2	Benzene	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00077	0.0024	0.0049	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00079	0.0024	0.0049	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00088	0.0024	0.0049	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00086	0.0024	0.0049	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0035	0.012	0.024	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.9
Sample Wt/Vol:	5.48 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021799.D	1		04/07/25 15:32	VY040725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00063	0.0024	0.0049	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00089	0.0024	0.0049	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00066	0.0024	0.0049	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0036	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00085	0.0024	0.0049	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00086	0.0024	0.0049	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.0010	0.0024	0.0049	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00088	0.0024	0.0049	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00075	0.0024	0.0049	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00065	0.0024	0.0049	mg/Kg
179601-23-1	m/p-Xylenes	0.0049	U	0.0012	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	0.00080	0.0024	0.0049	mg/Kg
100-42-5	Styrene	0.0024	U	0.00069	0.0024	0.0049	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00084	0.0024	0.0049	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00076	0.0024	0.0049	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0012	0.0024	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	0.0024	U	0.0012	0.0024	0.0049	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00071	0.0024	0.0049	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00066	0.0024	0.0049	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00080	0.0024	0.0049	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.0012	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	0.00062	0.0024	0.0049	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00064	0.0024	0.0049	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00060	0.0024	0.0049	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.0017	0.0024	0.0049	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.0015	0.0024	0.0049	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.9
Sample Wt/Vol:	5.48 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021799.D	1		04/07/25 15:32	VY040725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.0014	0.0024	0.0049	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.0014	0.0024	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	U	0.0018	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0039	U	0.0029	0.0039	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.0018	0.0024	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0039	U	0.0031	0.0039	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.0010	0.0024	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.8		71 - 136		126%	SPK: 50
1868-53-7	Dibromofluoromethane	56.0		78 - 119		112%	SPK: 50
2037-26-5	Toluene-d8	51.9		85 - 116		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		79 - 119		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	156000	7.707				
540-36-3	1,4-Difluorobenzene	278000	8.616				
3114-55-4	Chlorobenzene-d5	243000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	107000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-03	OU4-VSL-16-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-05	OU4-VSL-17-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-07	OU4-PCS-TC-21-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-09	OU4-PCS-TC-22-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-11	OU4-PCS-TC-23-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-13	OU4-PCS-TC-24-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-15	OU4-PCS-TC-25-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/04/25	04/04/25
Q1730-17	OU4-PCS-TC-26-040325	SOIL	VOCMS Group3	8260D	04/03/25		04/07/25	04/04/25
Q1730-19	OU4-CF-15-040325	SOIL			04/03/25			04/04/25

LAB CHRONICLE

VOCMS Group3

8260D

04/07/25

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.: Q1730
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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024214.D	1	04/07/25 08:55	04/08/25 15:45	PB167474

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

91-20-3	Naphthalene	0.13	U	0.023	0.13	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.13	U	0.026	0.13	0.18	mg/Kg
208-96-8	Acenaphthylene	0.13	U	0.030	0.13	0.18	mg/Kg
83-32-9	Acenaphthene	0.13	U	0.022	0.13	0.18	mg/Kg
86-73-7	Fluorene	0.13	U	0.026	0.13	0.18	mg/Kg
85-01-8	Phenanthrene	0.13	U	0.022	0.13	0.18	mg/Kg
120-12-7	Anthracene	0.13	U	0.034	0.13	0.18	mg/Kg
206-44-0	Fluoranthene	0.13	U	0.031	0.13	0.18	mg/Kg
129-00-0	Pyrene	0.13	U	0.037	0.13	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.13	U	0.024	0.13	0.18	mg/Kg
218-01-9	Chrysene	0.13	U	0.021	0.13	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	U	0.020	0.13	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	U	0.023	0.13	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.13	U	0.030	0.13	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	U	0.030	0.13	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.028	0.13	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	U	0.027	0.13	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	109		35 - 115		73%	SPK: 150
13127-88-3	Phenol-d6	115		34 - 127		76%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.5		37 - 122		75%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.2		44 - 115		74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		39 - 132		75%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		54 - 127		79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	356000	7.74
1146-65-2	Naphthalene-d8	1510000	10.522
15067-26-2	Acenaphthene-d10	1010000	14.381
1517-22-2	Phenanthrene-d10	2140000	17.192

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024214.D	1	04/07/25 08:55	04/08/25 15:45	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2390000	21.651				
1520-96-3	Perylene-d12	2460000	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
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
BP024217.D	1	04/07/25 08:55	04/08/25 17:47	PB167474

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

91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	87.4		35 - 115	58%	SPK: 150
13127-88-3	Phenol-d6	88.3		34 - 127	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.1		37 - 122	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.0		44 - 115	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.1		39 - 132	65%	SPK: 150
1718-51-0	Terphenyl-d14	64.0		54 - 127	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	372000	7.74
1146-65-2	Naphthalene-d8	1570000	10.516
15067-26-2	Acenaphthene-d10	1070000	14.387
1517-22-2	Phenanthrene-d10	2240000	17.187

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
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
BP024217.D	1	04/07/25 08:55	04/08/25 17:47	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2390000	21.645				
1520-96-3	Perylene-d12	2420000	25.016				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
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
BP024218.D	1	04/07/25 08:55	04/08/25 18:28	PB167474

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

91-20-3	Naphthalene	0.14	U	0.025	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	98.0		35 - 115	65%	SPK: 150
13127-88-3	Phenol-d6	101		34 - 127	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.5		37 - 122	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.6		44 - 115	57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		39 - 132	77%	SPK: 150
1718-51-0	Terphenyl-d14	60.0		54 - 127	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	223000	7.74
1146-65-2	Naphthalene-d8	995000	10.522
15067-26-2	Acenaphthene-d10	729000	14.381
1517-22-2	Phenanthrene-d10	1790000	17.18

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
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
BP024218.D	1	04/07/25 08:55	04/08/25 18:28	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2300000	21.639				
1520-96-3	Perylene-d12	2560000	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024219.D	1	04/07/25 08:55	04/08/25 19:09	PB167474

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

91-20-3	Naphthalene	0.15	U	0.026	0.15	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.15	U	0.029	0.15	0.19	mg/Kg
208-96-8	Acenaphthylene	0.15	U	0.032	0.15	0.19	mg/Kg
83-32-9	Acenaphthene	0.15	U	0.024	0.15	0.19	mg/Kg
86-73-7	Fluorene	0.15	U	0.028	0.15	0.19	mg/Kg
85-01-8	Phenanthrene	0.15	U	0.023	0.15	0.19	mg/Kg
120-12-7	Anthracene	0.15	U	0.037	0.15	0.19	mg/Kg
206-44-0	Fluoranthene	0.15	U	0.034	0.15	0.19	mg/Kg
129-00-0	Pyrene	0.15	U	0.040	0.15	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.15	U	0.026	0.15	0.19	mg/Kg
218-01-9	Chrysene	0.15	U	0.022	0.15	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.15	U	0.021	0.15	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.15	U	0.025	0.15	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.15	U	0.033	0.15	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.15	U	0.033	0.15	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.15	U	0.031	0.15	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.15	U	0.029	0.15	0.19	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	88.1		35 - 115	59%	SPK: 150
13127-88-3	Phenol-d6	83.0		34 - 127	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.9		37 - 122	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.7		44 - 115	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87.9		39 - 132	59%	SPK: 150
1718-51-0	Terphenyl-d14	59.6		54 - 127	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	345000	7.74
1146-65-2	Naphthalene-d8	1330000	10.516
15067-26-2	Acenaphthene-d10	772000	14.375
1517-22-2	Phenanthrene-d10	1470000	17.186

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024219.D	1	04/07/25 08:55	04/08/25 19:09	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1620000	21.633				
1520-96-3	Perylene-d12	1760000	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024220.D	1	04/07/25 08:55	04/08/25 19:50	PB167474

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

91-20-3	Naphthalene	0.14	U	0.025	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.032	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.028	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.037	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.040	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.025	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.033	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.19	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	76.4		35 - 115	51%	SPK: 150
13127-88-3	Phenol-d6	76.7		34 - 127	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.2		37 - 122	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.6		44 - 115	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	85.4		39 - 132	57%	SPK: 150
1718-51-0	Terphenyl-d14	65.9		54 - 127	66%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	426000	7.74
1146-65-2	Naphthalene-d8	1740000	10.522
15067-26-2	Acenaphthene-d10	1090000	14.375
1517-22-2	Phenanthrene-d10	2130000	17.18

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024220.D	1	04/07/25 08:55	04/08/25 19:50	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1840000	21.639				
1520-96-3	Perylene-d12	1510000	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.9
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
BP024221.D	1	04/07/25 08:55	04/08/25 20:31	PB167474

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

91-20-3	Naphthalene	0.14	U	0.025	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.032	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.028	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.037	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.040	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.025	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.19	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	76.5		35 - 115	51%	SPK: 150
13127-88-3	Phenol-d6	74.0		34 - 127	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.6		37 - 122	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.5		44 - 115	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.0		39 - 132	55%	SPK: 150
1718-51-0	Terphenyl-d14	56.5		54 - 127	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	358000	7.74
1146-65-2	Naphthalene-d8	1370000	10.516
15067-26-2	Acenaphthene-d10	805000	14.381
1517-22-2	Phenanthrene-d10	1590000	17.192

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.9
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
BP024221.D	1	04/07/25 08:55	04/08/25 20:31	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1780000	21.639				
1520-96-3	Perylene-d12	1910000	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
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
BP024222.D	1	04/07/25 08:55	04/08/25 21:11	PB167474

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

91-20-3	Naphthalene	0.14	U	0.025	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.032	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.028	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.025	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.19	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	95.9		35 - 115	64%	SPK: 150
13127-88-3	Phenol-d6	99.6		34 - 127	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.5		37 - 122	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.4		44 - 115	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		39 - 132	71%	SPK: 150
1718-51-0	Terphenyl-d14	67.8		54 - 127	68%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	384000	7.74
1146-65-2	Naphthalene-d8	1670000	10.522
15067-26-2	Acenaphthene-d10	1140000	14.381
1517-22-2	Phenanthrene-d10	2380000	17.192

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
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
BP024222.D	1	04/07/25 08:55	04/08/25 21:11	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2400000	21.639				
1520-96-3	Perylene-d12	2210000	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024223.D	1	04/07/25 08:55	04/08/25 21:52	PB167474

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

91-20-3	Naphthalene	0.14	U	0.025	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	101		35 - 115	67%	SPK: 150
13127-88-3	Phenol-d6	106		34 - 127	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.2		37 - 122	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.1		44 - 115	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	117		39 - 132	78%	SPK: 150
1718-51-0	Terphenyl-d14	62.7		54 - 127	63%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	229000	7.74
1146-65-2	Naphthalene-d8	1020000	10.522
15067-26-2	Acenaphthene-d10	745000	14.381
1517-22-2	Phenanthrene-d10	1780000	17.181

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024223.D	1	04/07/25 08:55	04/08/25 21:52	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2340000	21.627				
1520-96-3	Perylene-d12	2620000	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024224.D	1	04/07/25 08:55	04/08/25 22:33	PB167474

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

91-20-3	Naphthalene	0.14	U	0.025	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	110		35 - 115	74%	SPK: 150
13127-88-3	Phenol-d6	105		34 - 127	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.0		37 - 122	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.0		44 - 115	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		39 - 132	75%	SPK: 150
1718-51-0	Terphenyl-d14	73.7		54 - 127	74%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	381000	7.74
1146-65-2	Naphthalene-d8	1490000	10.522
15067-26-2	Acenaphthene-d10	856000	14.375
1517-22-2	Phenanthrene-d10	1630000	17.187

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024224.D	1	04/07/25 08:55	04/08/25 22:33	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1730000	21.633				
1520-96-3	Perylene-d12	1820000	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N D	mg/Kg

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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.9
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
BP024225.D	1	04/07/25 08:55	04/08/25 23:13	PB167474

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

91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	105		35 - 115		70%	SPK: 150
13127-88-3	Phenol-d6	106		34 - 127		71%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.5		37 - 122		69%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.2		44 - 115		64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		39 - 132		74%	SPK: 150
1718-51-0	Terphenyl-d14	79.7		54 - 127		80%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	330000	7.74
1146-65-2	Naphthalene-d8	1350000	10.516
15067-26-2	Acenaphthene-d10	859000	14.381
1517-22-2	Phenanthrene-d10	1810000	17.192

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.9
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
BP024225.D	1	04/07/25 08:55	04/08/25 23:13	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1660000	21.633				
1520-96-3	Perylene-d12	1560000	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-03	OU4-VSL-16-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-05	OU4-VSL-17-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-07	OU4-PCS-TC-21-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-09	OU4-PCS-TC-22-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-11	OU4-PCS-TC-23-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-13	OU4-PCS-TC-24-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-15	OU4-PCS-TC-25-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-17	OU4-PCS-TC-26-040325	SOIL	SVOCMS Group3	8270E	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-19	OU4-CF-15-040325	SOIL			04/03/25			04/04/25

LAB CHRONICLE

SVOCMS Group3	8270E	04/07/25	04/08/25
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A

C

D



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

Hit Summary Sheet
SW-846

SDG No.:

Q1730

Order ID:

Q1730

Client:

Nobis Group

Project ID:

Raymark Superfund Site

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



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	96.9	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
PL095104.D	1	04/07/25 08:20	04/08/25 13:17	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
319-85-7	beta-BHC	0.00086	U	0.00019	0.00085	0.0018	mg/Kg
319-86-8	delta-BHC	0.00086	U	0.00040	0.00085	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
76-44-8	Heptachlor	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
309-00-2	Aldrin	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00086	U	0.00020	0.00085	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
60-57-1	Dieldrin	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-20-8	Endrin	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00086	U	0.00030	0.00085	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00086	U	0.00038	0.00085	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00086	U	0.00020	0.00085	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00086	U	0.00038	0.00085	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00034	U	0.00012	0.00034	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.4		55 - 130		107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		42 - 129		95%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	96.9	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
PL095104.D	1	04/07/25 08:20	04/08/25 13:17	PB167473

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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-16-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-03		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	94.5	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
PL095107.D	1	04/07/25 08:20	04/08/25 13:58	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
319-85-7	beta-BHC	0.00088	U	0.00019	0.00088	0.0018	mg/Kg
319-86-8	delta-BHC	0.00088	U	0.00041	0.00088	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
76-44-8	Heptachlor	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
309-00-2	Aldrin	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
60-57-1	Dieldrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-20-8	Endrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00088	U	0.00031	0.00088	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.9		55 - 130		114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		42 - 129		105%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-16-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-03		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	94.5	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
PL095107.D	1	04/07/25 08:20	04/08/25 13:58	PB167473

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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-17-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-05		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
PL095108.D	1	04/07/25 08:20	04/08/25 14:11	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00036	U	0.00014	0.00036	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00019	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
76-44-8	Heptachlor	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
309-00-2	Aldrin	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
60-57-1	Dieldrin	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-20-8	Endrin	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00031	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00036	U	0.00016	0.00036	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00036	U	0.00014	0.00036	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00040	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00040	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00036	U	0.00016	0.00036	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0058	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	25.8		55 - 130		129%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.8		42 - 129		119%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-17-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-05		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
PL095108.D	1	04/07/25 08:20	04/08/25 14:11	PB167473

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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-21-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095109.D	1	04/07/25 08:20	04/08/25 14:25	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00037	U	0.00015	0.00037	0.0019	mg/Kg
319-85-7	beta-BHC	0.00093	U	0.00020	0.00093	0.0019	mg/Kg
319-86-8	delta-BHC	0.00093	U	0.00044	0.00093	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00037	U	0.00016	0.00037	0.0019	mg/Kg
76-44-8	Heptachlor	0.00037	U	0.00013	0.00037	0.0019	mg/Kg
309-00-2	Aldrin	0.00037	U	0.00013	0.00037	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00093	U	0.00021	0.00093	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00037	U	0.00016	0.00037	0.0019	mg/Kg
60-57-1	Dieldrin	0.00037	U	0.00016	0.00037	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00037	U	0.00016	0.00037	0.0019	mg/Kg
72-20-8	Endrin	0.00037	U	0.00016	0.00037	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00093	U	0.00033	0.00093	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00037	U	0.00017	0.00037	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00037	U	0.00015	0.00037	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00037	U	0.00016	0.00037	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00093	U	0.00042	0.00093	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00093	U	0.00021	0.00093	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00093	U	0.00042	0.00093	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00037	U	0.00013	0.00037	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00037	U	0.00017	0.00037	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0061	0.019	0.037	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.5		55 - 130		107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		42 - 129		105%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-21-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095109.D	1	04/07/25 08:20	04/08/25 14:25	PB167473

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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-22-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-09		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	90.8	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095076.D	1	04/07/25 08:20	04/07/25 20:36	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00036	U	0.00014	0.00036	0.0019	mg/Kg
319-85-7	beta-BHC	0.00091	U	0.00020	0.00091	0.0019	mg/Kg
319-86-8	delta-BHC	0.00091	U	0.00043	0.00091	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
76-44-8	Heptachlor	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
309-00-2	Aldrin	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
60-57-1	Dieldrin	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-20-8	Endrin	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00091	U	0.00032	0.00091	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00036	U	0.00017	0.00036	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00036	U	0.00014	0.00036	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00091	U	0.00041	0.00091	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00091	U	0.00041	0.00091	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00036	U	0.00017	0.00036	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0060	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.7		55 - 130		119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.9		42 - 129		115%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-22-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-09		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	90.8	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095076.D	1	04/07/25 08:20	04/07/25 20:36	PB167473

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

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

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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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-23-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-11		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	90.9	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
PL095077.D	1	04/07/25 08:20	04/07/25 20:50	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00036	U	0.00014	0.00036	0.0019	mg/Kg
319-85-7	beta-BHC	0.00091	U	0.00020	0.00091	0.0019	mg/Kg
319-86-8	delta-BHC	0.00091	U	0.00043	0.00091	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
76-44-8	Heptachlor	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
309-00-2	Aldrin	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
60-57-1	Dieldrin	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-20-8	Endrin	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00091	U	0.00032	0.00091	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00036	U	0.00016	0.00036	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00036	U	0.00014	0.00036	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00091	U	0.00041	0.00091	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00091	U	0.00041	0.00091	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00036	U	0.00016	0.00036	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0059	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.8		55 - 130		114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.4		42 - 129		112%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-23-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-11		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	90.9	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
PL095077.D	1	04/07/25 08:20	04/07/25 20:50	PB167473

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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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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-24-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-13		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.3	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
PL095078.D	1	04/07/25 08:20	04/07/25 21:04	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00036	U	0.00014	0.00036	0.0019	mg/Kg
319-85-7	beta-BHC	0.00091	U	0.00020	0.00091	0.0019	mg/Kg
319-86-8	delta-BHC	0.00091	U	0.00043	0.00091	0.0019	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
76-44-8	Heptachlor	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
309-00-2	Aldrin	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
1024-57-3	Heptachlor epoxide	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
959-98-8	Endosulfan I	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
60-57-1	Dieldrin	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-55-9	4,4-DDE	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-20-8	Endrin	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
33213-65-9	Endosulfan II	0.00091	U	0.00032	0.00091	0.0019	mg/Kg
72-54-8	4,4-DDD	0.00036	U	0.00016	0.00036	0.0019	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00036	U	0.00014	0.00036	0.0019	mg/Kg
50-29-3	4,4-DDT	0.00036	U	0.00015	0.00036	0.0019	mg/Kg
72-43-5	Methoxychlor	0.00091	U	0.00040	0.00091	0.0019	mg/Kg
53494-70-5	Endrin ketone	0.00091	U	0.00021	0.00091	0.0019	mg/Kg
7421-93-4	Endrin aldehyde	0.00091	U	0.00040	0.00091	0.0019	mg/Kg
5103-71-9	alpha-Chlordane	0.00036	U	0.00013	0.00036	0.0019	mg/Kg
5103-74-2	gamma-Chlordane	0.00036	U	0.00016	0.00036	0.0019	mg/Kg
8001-35-2	Toxaphene	0.019	U	0.0059	0.019	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	24.5		55 - 130		123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.9		42 - 129		115%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-24-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-13		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.3	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
PL095078.D	1	04/07/25 08:20	04/07/25 21:04	PB167473

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

U = Not Detected

LOQ = Limit of Quantitation

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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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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-25-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-15		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.5	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
PL095079.D	1	04/07/25 08:20	04/07/25 21:17	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00036	U	0.00014	0.00036	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00019	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
76-44-8	Heptachlor	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
309-00-2	Aldrin	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
60-57-1	Dieldrin	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-20-8	Endrin	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00031	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00036	U	0.00016	0.00036	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00036	U	0.00014	0.00036	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00040	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00040	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00036	U	0.00016	0.00036	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0058	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.6		55 - 130		113%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		42 - 129		110%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-25-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-15		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.5	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
PL095079.D	1	04/07/25 08:20	04/07/25 21:17	PB167473

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

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-26-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-17		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.1	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
PL095080.D	1	04/07/25 08:20	04/07/25 21:31	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00036	U	0.00014	0.00036	0.0018	mg/Kg
319-85-7	beta-BHC	0.00090	U	0.00020	0.00090	0.0018	mg/Kg
319-86-8	delta-BHC	0.00090	U	0.00042	0.00090	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
76-44-8	Heptachlor	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
309-00-2	Aldrin	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
60-57-1	Dieldrin	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-20-8	Endrin	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00090	U	0.00031	0.00090	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00036	U	0.00016	0.00036	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00036	U	0.00014	0.00036	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00036	U	0.00015	0.00036	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00090	U	0.00040	0.00090	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00090	U	0.00021	0.00090	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00090	U	0.00040	0.00090	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00036	U	0.00013	0.00036	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00036	U	0.00016	0.00036	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0059	0.018	0.036	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.3		55 - 130		117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		42 - 129		109%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-26-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-17		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.1	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
PL095080.D	1	04/07/25 08:20	04/07/25 21:31	PB167473

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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-CF-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-19		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.9	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
PL095081.D	1	04/07/25 08:20	04/07/25 21:45	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
319-85-7	beta-BHC	0.00088	U	0.00019	0.00088	0.0018	mg/Kg
319-86-8	delta-BHC	0.00088	U	0.00042	0.00088	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
76-44-8	Heptachlor	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
309-00-2	Aldrin	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
60-57-1	Dieldrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-20-8	Endrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00088	U	0.00031	0.00088	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0058	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.3		55 - 130		116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		42 - 129		112%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-CF-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-19		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.9	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
PL095081.D	1	04/07/25 08:20	04/07/25 21:45	PB167473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL			04/03/25			04/04/25
			PCB	8082A		04/07/25	04/07/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-03	OU4-VSL-16-040325	SOIL			04/03/25			04/04/25
			PCB	8082A		04/07/25	04/07/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-05	OU4-VSL-17-040325	SOIL			04/03/25			04/04/25
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-07	OU4-PCS-TC-21-040325	SOIL			04/03/25			04/04/25
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-09	OU4-PCS-TC-22-040325	SOIL			04/03/25			04/04/25
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/07/25	
Q1730-11	OU4-PCS-TC-23-040325	SOIL			04/03/25			04/04/25
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/07/25	
Q1730-13	OU4-PCS-TC-24-040325	SOIL			04/03/25			04/04/25
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/07/25	

LAB CHRONICLE

Q1730-15	OU4-PCS-TC-25-0403 25	SOIL			04/03/25		04/04/25
			PCB	8082A		04/07/25	04/08/25
			Pesticide-TCL	8081B		04/07/25	04/07/25
Q1730-17	OU4-PCS-TC-26-0403 25	SOIL			04/03/25		04/04/25
			PCB	8082A		04/07/25	04/08/25
			Pesticide-TCL	8081B		04/07/25	04/07/25
Q1730-19	OU4-CF-15-040325	SOIL			04/03/25		04/04/25
			PCB	8082A		04/07/25	04/08/25
			Pesticide-TCL	8081B		04/07/25	04/07/25



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

Hit Summary Sheet
SW-846

SDG No.:

Q1730

Order ID:

Q1730

Client:

Nobis Group

Project ID:

Raymark Superfund Site

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



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	96.9	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
PO110269.D	1	04/07/25 08:20	04/07/25 13:38	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.50	U	4.10	8.50	17.5	ug/kg
11104-28-2	Aroclor-1221	13.4	U	4.10	13.4	17.5	ug/kg
11141-16-5	Aroclor-1232	8.50	U	3.80	8.50	17.5	ug/kg
53469-21-9	Aroclor-1242	8.50	U	4.10	8.50	17.5	ug/kg
12672-29-6	Aroclor-1248	13.4	U	6.10	13.4	17.5	ug/kg
11097-69-1	Aroclor-1254	8.50	U	3.30	8.50	17.5	ug/kg
37324-23-5	Aroclor-1262	13.4	U	5.20	13.4	17.5	ug/kg
11100-14-4	Aroclor-1268	8.50	U	3.70	8.50	17.5	ug/kg
11096-82-5	Aroclor-1260	8.50	U	3.30	8.50	17.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.2		44 - 130		101%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 125		88%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-16-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	94.5	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
PO110270.D	1	04/07/25 08:20	04/07/25 13:56	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.80	U	4.20	8.80	18.0	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.30	13.7	18.0	ug/kg
11141-16-5	Aroclor-1232	8.80	U	3.90	8.80	18.0	ug/kg
53469-21-9	Aroclor-1242	8.80	U	4.20	8.80	18.0	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.30	13.7	18.0	ug/kg
11097-69-1	Aroclor-1254	8.80	U	3.40	8.80	18.0	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	18.0	ug/kg
11100-14-4	Aroclor-1268	8.80	U	3.80	8.80	18.0	ug/kg
11096-82-5	Aroclor-1260	8.80	U	3.40	8.80	18.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.4		44 - 130		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 125		97%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-17-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-05		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
PO110297.D	1	04/07/25 08:20	04/08/25 10:39	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	4.30	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	4.30	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	9.00	U	4.00	9.00	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	4.30	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	6.40	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	9.00	U	3.50	9.00	18.3	ug/kg
37324-23-5	Aroclor-1262	14.0	U	5.40	14.0	18.3	ug/kg
11100-14-4	Aroclor-1268	9.00	U	3.90	9.00	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.50	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.2		44 - 130		116%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		60 - 125		105%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-21-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-07		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	89	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110298.D	1	04/07/25 08:20	04/08/25 10:58	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.30	U	4.40	9.30	19.1	ug/kg
11104-28-2	Aroclor-1221	14.6	U	4.50	14.6	19.1	ug/kg
11141-16-5	Aroclor-1232	9.30	U	4.20	9.30	19.1	ug/kg
53469-21-9	Aroclor-1242	9.30	U	4.50	9.30	19.1	ug/kg
12672-29-6	Aroclor-1248	14.6	U	6.60	14.6	19.1	ug/kg
11097-69-1	Aroclor-1254	9.30	U	3.60	9.30	19.1	ug/kg
37324-23-5	Aroclor-1262	14.6	U	5.60	14.6	19.1	ug/kg
11100-14-4	Aroclor-1268	9.30	U	4.00	9.30	19.1	ug/kg
11096-82-5	Aroclor-1260	9.30	U	3.60	9.30	19.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.3		44 - 130		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 125		85%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-22-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-09		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	90.8	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110299.D	1	04/07/25 08:20	04/08/25 11:16	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	4.30	9.10	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	4.40	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	9.10	U	4.10	9.10	18.7	ug/kg
53469-21-9	Aroclor-1242	9.10	U	4.40	9.10	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	6.50	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	9.10	U	3.50	9.10	18.7	ug/kg
37324-23-5	Aroclor-1262	14.3	U	5.50	14.3	18.7	ug/kg
11100-14-4	Aroclor-1268	9.10	U	4.00	9.10	18.7	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.60	9.10	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.7		44 - 130		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		60 - 125		90%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-23-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-11		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	90.9	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
PO110300.D	1	04/07/25 08:20	04/08/25 11:35	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	4.30	9.10	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	4.40	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	9.10	U	4.10	9.10	18.7	ug/kg
53469-21-9	Aroclor-1242	9.10	U	4.40	9.10	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	6.50	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	9.10	U	3.50	9.10	18.7	ug/kg
37324-23-5	Aroclor-1262	14.3	U	5.50	14.3	18.7	ug/kg
11100-14-4	Aroclor-1268	9.10	U	4.00	9.10	18.7	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.50	9.10	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		44 - 130		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 125		90%	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110301.D	1	04/07/25 08:20	04/08/25 11:53	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	4.30	9.10	18.6	ug/kg
11104-28-2	Aroclor-1221	14.2	U	4.40	14.2	18.6	ug/kg
11141-16-5	Aroclor-1232	9.10	U	4.10	9.10	18.6	ug/kg
53469-21-9	Aroclor-1242	9.10	U	4.40	9.10	18.6	ug/kg
12672-29-6	Aroclor-1248	14.2	U	6.50	14.2	18.6	ug/kg
11097-69-1	Aroclor-1254	9.10	U	3.50	9.10	18.6	ug/kg
37324-23-5	Aroclor-1262	14.2	U	5.50	14.2	18.6	ug/kg
11100-14-4	Aroclor-1268	9.10	U	3.90	9.10	18.6	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.50	9.10	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.5		44 - 130		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 125		94%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-25-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-15		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.5	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
PP071142.D	1	04/07/25 08:20	04/08/25 11:39	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	4.30	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	4.30	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	9.00	U	4.00	9.00	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	4.30	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	6.40	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	9.00	U	3.50	9.00	18.3	ug/kg
37324-23-5	Aroclor-1262	14.0	U	5.40	14.0	18.3	ug/kg
11100-14-4	Aroclor-1268	9.00	U	3.90	9.00	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.50	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.8		44 - 130		124%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		60 - 125		116%	SPK: 20

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

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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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-26-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-17		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.1	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
PP071143.D	1	04/07/25 08:20	04/08/25 11:56	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	4.30	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	4.40	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	9.00	U	4.00	9.00	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	4.30	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	6.40	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	9.00	U	3.50	9.00	18.4	ug/kg
37324-23-5	Aroclor-1262	14.1	U	5.40	14.1	18.4	ug/kg
11100-14-4	Aroclor-1268	9.00	U	3.90	9.00	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.50	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.1		44 - 130		125%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.9		60 - 125		124%	SPK: 20

Comments:

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-CF-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-19		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	93.9	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
PP071144.D	1	04/07/25 08:20	04/08/25 12:12	PB167469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.80	U	4.20	8.80	18.1	ug/kg
11104-28-2	Aroclor-1221	13.8	U	4.30	13.8	18.1	ug/kg
11141-16-5	Aroclor-1232	8.80	U	4.00	8.80	18.1	ug/kg
53469-21-9	Aroclor-1242	8.80	U	4.30	8.80	18.1	ug/kg
12672-29-6	Aroclor-1248	13.8	U	6.30	13.8	18.1	ug/kg
11097-69-1	Aroclor-1254	8.80	U	3.40	8.80	18.1	ug/kg
37324-23-5	Aroclor-1262	13.8	U	5.30	13.8	18.1	ug/kg
11100-14-4	Aroclor-1268	8.80	U	3.80	8.80	18.1	ug/kg
11096-82-5	Aroclor-1260	8.80	U	3.40	8.80	18.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		138%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.1		60 - 125		121%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/07/25	04/04/25
Q1730-03	OU4-VSL-16-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/07/25	04/04/25
Q1730-05	OU4-VSL-17-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-07	OU4-PCS-TC-21-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-09	OU4-PCS-TC-22-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-11	OU4-PCS-TC-23-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-13	OU4-PCS-TC-24-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-15	OU4-PCS-TC-25-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-17	OU4-PCS-TC-26-040325	SOIL	PCB	8082A	04/03/25	04/07/25	04/08/25	04/04/25
Q1730-19	OU4-CF-15-040325	SOIL			04/03/25			04/04/25

LAB CHRONICLE

PCB	8082A	04/07/25	04/08/25
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A

B

C

D



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

Hit Summary Sheet
SW-846

SDG No.: Q1730

Order ID: Q1730

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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-01		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	96.9	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029735.D	1	04/08/25 09:35	04/08/25 19:51	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0080	0.034	0.069	mg/Kg
75-99-0	DALAPON	0.052	U	0.018	0.052	0.069	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.013	0.034	0.069	mg/Kg
94-75-7	2,4-D	0.034	U	0.0093	0.034	0.069	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0093	0.034	0.069	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.0090	0.034	0.069	mg/Kg
94-82-6	2,4-DB	0.034	U	0.025	0.034	0.069	mg/Kg
88-85-7	DINOSEB	0.034	U	0.011	0.034	0.069	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	458		27 - 122		92%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-16-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-03		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	94.5	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
PS029736.D	1	04/08/25 09:35	04/08/25 20:15	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0082	0.035	0.071	mg/Kg
75-99-0	DALAPON	0.053	U	0.019	0.053	0.071	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.014	0.035	0.071	mg/Kg
94-75-7	2,4-D	0.035	U	0.0096	0.035	0.071	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0096	0.035	0.071	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0092	0.035	0.071	mg/Kg
94-82-6	2,4-DB	0.035	U	0.026	0.035	0.071	mg/Kg
88-85-7	DINOSEB	0.035	U	0.011	0.035	0.071	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	448		27 - 122		90%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-VSL-17-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-05		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.4	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
PS029737.D	1	04/08/25 09:35	04/08/25 20:39	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0084	0.036	0.072	mg/Kg
75-99-0	DALAPON	0.054	U	0.019	0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.014	0.036	0.072	mg/Kg
94-75-7	2,4-D	0.036	U	0.0098	0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.0098	0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.0094	0.036	0.072	mg/Kg
94-82-6	2,4-DB	0.036	U	0.026	0.036	0.072	mg/Kg
88-85-7	DINOSEB	0.036	U	0.012	0.036	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	548		27 - 122		110%	SPK: 500

Comments:

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 N = Presumptive Evidence of a Compound
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 () = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-21-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-07		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	89	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029740.D	1	04/08/25 09:35	04/08/25 22:39	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.037	U	0.0087	0.037	0.075	mg/Kg
75-99-0	DALAPON	0.056	U	0.020	0.056	0.075	mg/Kg
120-36-5	DICHLORPROP	0.037	U	0.014	0.037	0.075	mg/Kg
94-75-7	2,4-D	0.037	U	0.010	0.037	0.075	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.037	U	0.010	0.037	0.075	mg/Kg
93-76-5	2,4,5-T	0.037	U	0.0097	0.037	0.075	mg/Kg
94-82-6	2,4-DB	0.037	U	0.027	0.037	0.075	mg/Kg
88-85-7	DINOSEB	0.037	U	0.012	0.037	0.075	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	461		27 - 122		92%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-22-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-09		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	90.8	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
PS029741.D	1	04/08/25 09:35	04/08/25 23:03	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0085	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.019	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.014	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.0099	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.0096	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.027	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.036	U	0.012	0.036	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	480		27 - 122		96%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-23-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-11		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	90.9	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
PS029742.D	1	04/08/25 09:35	04/08/25 23:27	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0085	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.019	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.014	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.0099	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.0096	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.027	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.036	U	0.012	0.036	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	468		27 - 122		94%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-24-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-13		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	91.3	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
PS029743.D	1	04/08/25 09:35	04/08/25 23:51	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0085	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.055	U	0.019	0.055	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.014	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.0099	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.0099	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.0095	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.026	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.036	U	0.012	0.036	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	463		27 - 122		93%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-25-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-15		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.5	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
PS029744.D	1	04/08/25 09:35	04/09/25 00:15	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0084	0.036	0.072	mg/Kg
75-99-0	DALAPON	0.054	U	0.019	0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.014	0.036	0.072	mg/Kg
94-75-7	2,4-D	0.036	U	0.0098	0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.0098	0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.0094	0.036	0.072	mg/Kg
94-82-6	2,4-DB	0.036	U	0.026	0.036	0.072	mg/Kg
88-85-7	DINOSEB	0.036	U	0.012	0.036	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	406		27 - 122		81%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-PCS-TC-26-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-17		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	92.1	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029745.D	1	04/08/25 09:35	04/09/25 00:39	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0084	0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.019	0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.014	0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.0098	0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.0098	0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.0094	0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.026	0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.036	U	0.012	0.036	0.073	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	449		27 - 122		90%	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:	04/03/25	
Project:	Raymark Superfund Site		Date Received:	04/04/25	
Client Sample ID:	OU4-CF-15-040325		SDG No.:	Q1730	
Lab Sample ID:	Q1730-19		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	93.9	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
PS029746.D	1	04/08/25 09:35	04/09/25 01:03	PB167511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0082	0.035	0.071	mg/Kg
75-99-0	DALAPON	0.053	U	0.019	0.053	0.071	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.014	0.035	0.071	mg/Kg
94-75-7	2,4-D	0.035	U	0.0096	0.035	0.071	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0096	0.035	0.071	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0093	0.035	0.071	mg/Kg
94-82-6	2,4-DB	0.035	U	0.026	0.035	0.071	mg/Kg
88-85-7	DINOSEB	0.035	U	0.012	0.035	0.071	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	413		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

LAB CHRONICLE

OrderID:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL			04/03/25			04/04/25
			Herbicide Group1	8151A		04/08/25	04/08/25	
			PCB	8082A		04/07/25	04/07/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-03	OU4-VSL-16-040325	SOIL			04/03/25			04/04/25
			Herbicide Group1	8151A		04/08/25	04/08/25	
			PCB	8082A		04/07/25	04/07/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-05	OU4-VSL-17-040325	SOIL			04/03/25			04/04/25
			Herbicide Group1	8151A		04/08/25	04/08/25	
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-07	OU4-PCS-TC-21-040325	SOIL			04/03/25			04/04/25
			Herbicide Group1	8151A		04/08/25	04/08/25	
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/08/25	
Q1730-09	OU4-PCS-TC-22-040325	SOIL			04/03/25			04/04/25
			Herbicide Group1	8151A		04/08/25	04/08/25	
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/07/25	
Q1730-11	OU4-PCS-TC-23-040325	SOIL			04/03/25			04/04/25
			Herbicide Group1	8151A		04/08/25	04/08/25	
			PCB	8082A		04/07/25	04/08/25	
			Pesticide-TCL	8081B		04/07/25	04/07/25	

LAB CHRONICLE

Q1730-13	OU4-PCS-TC-24-0403 25	SOIL	04/03/25				04/04/25
			Herbicide Group1	8151A	04/08/25	04/08/25	
			PCB	8082A	04/07/25	04/08/25	
			Pesticide-TCL	8081B	04/07/25	04/07/25	
Q1730-15	OU4-PCS-TC-25-0403 25	SOIL	04/03/25				04/04/25
			Herbicide Group1	8151A	04/08/25	04/09/25	
			PCB	8082A	04/07/25	04/08/25	
			Pesticide-TCL	8081B	04/07/25	04/07/25	
Q1730-17	OU4-PCS-TC-26-0403 25	SOIL	04/03/25				04/04/25
			Herbicide Group1	8151A	04/08/25	04/09/25	
			PCB	8082A	04/07/25	04/08/25	
			Pesticide-TCL	8081B	04/07/25	04/07/25	
Q1730-19	OU4-CF-15-040325	SOIL	04/03/25				04/04/25
			Herbicide Group1	8151A	04/08/25	04/09/25	
			PCB	8082A	04/07/25	04/08/25	
			Pesticide-TCL	8081B	04/07/25	04/07/25	

Hit Summary Sheet SW-846

SDG No.: Q1730 **Order ID:** Q1730
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-15-040325									
Q1730-01	OU4-VSL-15-040325	SOIL	Aluminum	7030		2.11	3.50	4.37	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Arsenic	2.66		0.25	0.70	0.88	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Barium	4.19	J	0.56	1.09	4.37	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Beryllium	0.27		0.010	0.066	0.26	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Cadmium	0.34		0.014	0.066	0.26	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Calcium	5420		2.45	21.9	87.5	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Chromium	2.12		0.047	0.11	0.44	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Cobalt	13.3		0.051	0.33	1.31	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Copper	38.1		0.41	0.70	0.88	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Iron	16900		2.35	3.50	4.37	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Lead	2.32		0.13	0.42	0.53	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Magnesium	4160		3.00	21.9	87.5	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Manganese	111		0.062	0.22	0.88	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Mercury	0.023		0.0070	0.010	0.012	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Nickel	9.81		0.079	0.44	1.75	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Potassium	103		25.1	70.0	87.5	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Sodium	1250		31.6	70.0	87.5	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Vanadium	59.0		0.24	0.88	1.75	mg/Kg
Q1730-01	OU4-VSL-15-040325	SOIL	Zinc	20.5		0.096	0.44	1.75	mg/Kg
Client ID : OU4-VSL-16-040325									
Q1730-03	OU4-VSL-16-040325	SOIL	Aluminum	7330		2.53	4.19	5.24	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Arsenic	1.69		0.30	0.84	1.05	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Barium	6.60		0.67	1.31	5.24	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Beryllium	0.31	J	0.013	0.079	0.31	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Cadmium	0.23	J	0.017	0.079	0.31	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Calcium	6250		2.93	26.2	105	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Chromium	2.42		0.057	0.13	0.52	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Cobalt	15.3		0.061	0.39	1.57	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Copper	40.2		0.49	0.84	1.05	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Iron	19700		2.82	4.19	5.24	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Lead	2.51		0.16	0.50	0.63	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Magnesium	5020		3.59	26.2	105	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Manganese	160		0.074	0.26	1.05	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Mercury	0.0080	J	0.0070	0.010	0.013	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Nickel	10.9		0.094	0.52	2.10	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Potassium	108		30.1	83.8	105	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Sodium	1270		37.8	83.8	105	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1730	Order ID:	Q1730
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1730-03	OU4-VSL-16-040325	SOIL	Vanadium	68.5		0.28	1.05	2.10	mg/Kg
Q1730-03	OU4-VSL-16-040325	SOIL	Zinc	23.1		0.12	0.52	2.10	mg/Kg
Client ID : OU4-VSL-17-040325									
Q1730-05	OU4-VSL-17-040325	SOIL	Aluminum	6710		2.12	3.52	4.40	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Arsenic	1.36		0.26	0.70	0.88	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Barium	4.79		0.56	1.10	4.40	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Beryllium	0.29		0.011	0.066	0.26	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Cadmium	0.49		0.014	0.066	0.26	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Calcium	5470		2.46	22.0	88.0	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Chromium	2.07		0.048	0.11	0.44	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Cobalt	13.8		0.051	0.33	1.32	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Copper	38.0		0.41	0.70	0.88	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Iron	17500		2.37	3.52	4.40	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Lead	2.65		0.13	0.42	0.53	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Magnesium	4220		3.02	22.0	88.0	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Manganese	126		0.062	0.22	0.88	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Nickel	9.18		0.079	0.44	1.76	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Potassium	95.6		25.3	70.4	88.0	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Sodium	1170		31.8	70.4	88.0	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Vanadium	60.5		0.24	0.88	1.76	mg/Kg
Q1730-05	OU4-VSL-17-040325	SOIL	Zinc	24.5		0.097	0.44	1.76	mg/Kg
Client ID : OU4-PCS-TC-21-040325									
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Aluminum	7380		2.59	4.30	5.38	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Arsenic	1.64		0.31	0.86	1.08	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Barium	11.4		0.69	1.34	5.38	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Beryllium	0.38		0.013	0.081	0.32	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Cadmium	0.48		0.017	0.081	0.32	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Calcium	6870		3.01	26.9	108	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Chromium	1.40		0.058	0.13	0.54	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Cobalt	16.3		0.062	0.40	1.61	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Copper	35.2		0.51	0.86	1.08	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Iron	25400		2.89	4.30	5.38	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Lead	2.96		0.16	0.52	0.65	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Magnesium	6310		3.69	26.9	108	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Manganese	186		0.076	0.27	1.08	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Nickel	9.15		0.097	0.54	2.15	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Potassium	95.5	J	30.9	86.0	108	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Sodium	1320		38.8	86.0	108	mg/Kg
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Vanadium	63.0		0.29	1.08	2.15	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q1730

Order ID: Q1730

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1730-07	OU4-PCS-TC-21-040325	SOIL	Zinc	26.5		0.12	0.54	2.15	mg/Kg
Client ID : OU4-PCS-TC-22-040325									
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Aluminum	7700		2.53	4.20	5.24	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Arsenic	2.52		0.30	0.84	1.05	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Barium	10.0		0.67	1.31	5.24	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Beryllium	0.37		0.013	0.079	0.32	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Cadmium	0.23	J	0.017	0.079	0.32	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Calcium	7860		2.94	26.2	105	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Chromium	1.54		0.057	0.13	0.52	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Cobalt	16.0		0.061	0.39	1.57	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Copper	36.7		0.49	0.84	1.05	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Iron	25100		2.82	4.20	5.24	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Lead	2.84		0.16	0.50	0.63	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Magnesium	6140		3.60	26.2	105	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Manganese	184		0.074	0.26	1.05	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Nickel	9.47		0.094	0.52	2.10	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Potassium	108		30.1	83.9	105	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Sodium	1580		37.9	83.9	105	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Vanadium	66.8		0.28	1.05	2.10	mg/Kg
Q1730-09	OU4-PCS-TC-22-040325	SOIL	Zinc	26.2		0.12	0.52	2.10	mg/Kg
Client ID : OU4-PCS-TC-23-040325									
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Aluminum	8460		2.55	4.23	5.29	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Arsenic	2.07		0.31	0.85	1.06	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Barium	8.57		0.68	1.32	5.29	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Beryllium	0.40		0.013	0.079	0.32	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Cadmium	0.39		0.017	0.079	0.32	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Calcium	8700		2.96	26.4	106	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Chromium	1.86		0.057	0.13	0.53	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Cobalt	16.3		0.061	0.40	1.59	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Copper	37.2		0.50	0.85	1.06	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Iron	25100		2.85	4.23	5.29	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Lead	2.80		0.16	0.51	0.64	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Magnesium	6910		3.63	26.4	106	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Manganese	177		0.075	0.26	1.06	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Mercury	0.011	J	0.0070	0.011	0.013	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Nickel	10.5		0.095	0.53	2.12	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Potassium	133		30.4	84.6	106	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Sodium	1720		38.2	84.6	106	mg/Kg
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Vanadium	67.0		0.29	1.06	2.12	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1730	Order ID:	Q1730
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1730-11	OU4-PCS-TC-23-040325	SOIL	Zinc	26.1		0.12	0.53	2.12	mg/Kg
Client ID : OU4-PCS-TC-24-040325									
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Aluminum	6420		2.26	3.74	4.68	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Arsenic	1.56		0.27	0.75	0.94	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Barium	7.41		0.60	1.17	4.68	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Beryllium	0.31		0.011	0.070	0.28	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Cadmium	0.22	J	0.015	0.070	0.28	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Calcium	6500		2.62	23.4	93.6	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Chromium	1.49		0.051	0.12	0.47	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Cobalt	13.8		0.054	0.35	1.40	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Copper	34.1		0.44	0.75	0.94	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Iron	21700		2.52	3.74	4.68	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Lead	2.19		0.14	0.45	0.56	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Magnesium	5700		3.21	23.4	93.6	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Manganese	151		0.066	0.23	0.94	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Mercury	0.0080	J	0.0080	0.012	0.015	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Nickel	8.52		0.084	0.47	1.87	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Potassium	87.7	J	26.9	74.9	93.6	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Sodium	1360		33.8	74.9	93.6	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Vanadium	54.0		0.25	0.94	1.87	mg/Kg
Q1730-13	OU4-PCS-TC-24-040325	SOIL	Zinc	21.7		0.10	0.47	1.87	mg/Kg
Client ID : OU4-PCS-TC-25-040325									
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Aluminum	7690		2.38	3.95	4.94	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Arsenic	1.62		0.29	0.79	0.99	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Barium	9.63		0.63	1.23	4.94	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Beryllium	0.33		0.012	0.074	0.30	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Cadmium	0.21	J	0.016	0.074	0.30	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Calcium	8600		2.76	24.7	98.7	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Chromium	1.86		0.053	0.12	0.49	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Cobalt	14.7		0.057	0.37	1.48	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Copper	34.1		0.46	0.79	0.99	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Iron	24000		2.66	3.95	4.94	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Lead	2.25		0.15	0.47	0.59	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Magnesium	6030		3.39	24.7	98.7	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Manganese	157		0.070	0.25	0.99	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Mercury	0.0080	J	0.0080	0.011	0.014	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Nickel	9.45		0.089	0.49	1.97	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Potassium	111		28.3	79.0	98.7	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Sodium	1710		35.6	79.0	98.7	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q1730	Order ID:	Q1730
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Vanadium	62.1		0.27	0.99	1.97	mg/Kg
Q1730-15	OU4-PCS-TC-25-040325	SOIL	Zinc	24.5		0.11	0.49	1.97	mg/Kg
Client ID : OU4-PCS-TC-26-040325									
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Aluminum	8250		2.25	3.73	4.66	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Arsenic	2.04		0.27	0.75	0.93	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Barium	5.73		0.60	1.17	4.66	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Beryllium	0.36		0.011	0.070	0.28	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Cadmium	0.56		0.015	0.070	0.28	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Calcium	8400		2.61	23.3	93.2	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Chromium	2.05		0.050	0.12	0.47	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Cobalt	15.5		0.054	0.35	1.40	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Copper	38.0		0.44	0.75	0.93	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Iron	22900		2.51	3.73	4.66	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Lead	2.64		0.14	0.45	0.56	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Magnesium	6790		3.20	23.3	93.2	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Manganese	146		0.066	0.23	0.93	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Nickel	11.1		0.084	0.47	1.86	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Potassium	128		26.7	74.6	93.2	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Sodium	1800		33.6	74.6	93.2	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Vanadium	62.2		0.25	0.93	1.86	mg/Kg
Q1730-17	OU4-PCS-TC-26-040325	SOIL	Zinc	23.2		0.10	0.47	1.86	mg/Kg
Client ID : OU4-CF-15-040325									
Q1730-19	OU4-CF-15-040325	SOIL	Aluminum	8410		2.08	3.45	4.31	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Arsenic	2.94		0.25	0.69	0.86	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Barium	12.2		0.55	1.08	4.31	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Beryllium	0.42		0.010	0.065	0.26	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Cadmium	0.88		0.014	0.065	0.26	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Calcium	8660		2.41	21.6	86.2	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Chromium	2.37		0.047	0.11	0.43	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Cobalt	17.8		0.050	0.32	1.29	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Copper	34.5		0.41	0.69	0.86	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Iron	25600		2.32	3.45	4.31	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Lead	3.18		0.13	0.41	0.52	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Magnesium	7810		2.96	21.6	86.2	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Manganese	252		0.061	0.22	0.86	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Mercury	0.0080	J	0.0070	0.011	0.013	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Nickel	11.4		0.078	0.43	1.72	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Potassium	102		24.7	69.0	86.2	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Sodium	1180		31.1	69.0	86.2	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q1730

Order ID: Q1730

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1730-19	OU4-CF-15-040325	SOIL	Vanadium	66.2		0.23	0.86	1.72	mg/Kg
Q1730-19	OU4-CF-15-040325	SOIL	Zinc	24.1		0.095	0.43	1.72	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7030		1	2.11	3.50	4.37	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-36-0	Antimony	0.55	U	1	0.13	0.55	2.19	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-38-2	Arsenic	2.66	N	1	0.25	0.70	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-39-3	Barium	4.19	JN	1	0.56	1.09	4.37	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-41-7	Beryllium	0.27	N	1	0.010	0.066	0.26	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-43-9	Cadmium	0.34	*	1	0.014	0.066	0.26	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-70-2	Calcium	5420	*	1	2.45	21.9	87.5	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-47-3	Chromium	2.12	N	1	0.047	0.11	0.44	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-48-4	Cobalt	13.3	N	1	0.051	0.33	1.31	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-50-8	Copper	38.1	N	1	0.41	0.70	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7439-89-6	Iron	16900		1	2.35	3.50	4.37	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7439-92-1	Lead	2.32		1	0.13	0.42	0.53	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7439-95-4	Magnesium	4160		1	3.00	21.9	87.5	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7439-96-5	Manganese	111		1	0.062	0.22	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7439-97-6	Mercury	0.023		1	0.0070	0.010	0.012	mg/Kg	04/08/25 07:20	04/08/25 10:03	SW7471B	
7440-02-0	Nickel	9.81		1	0.079	0.44	1.75	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-09-7	Potassium	103	N*	1	25.1	70.0	87.5	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7782-49-2	Selenium	0.70	UN	1	0.29	0.70	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-22-4	Silver	0.22	UN	1	0.045	0.22	0.44	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-23-5	Sodium	1250		1	31.6	70.0	87.5	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-28-0	Thallium	0.88	U	1	0.39	0.88	1.75	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-62-2	Vanadium	59.0	N	1	0.24	0.88	1.75	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050
7440-66-6	Zinc	20.5	N	1	0.096	0.44	1.75	mg/Kg	04/07/25 10:05	04/14/25 19:02	SW6010	SW3050

Color Before:	Gray	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7330		1	2.53	4.19	5.24	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-36-0	Antimony	0.66	U	1	0.16	0.66	2.62	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-38-2	Arsenic	1.69	N	1	0.30	0.84	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-39-3	Barium	6.60	N	1	0.67	1.31	5.24	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-41-7	Beryllium	0.31	JN	1	0.013	0.079	0.31	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-43-9	Cadmium	0.23	J*	1	0.017	0.079	0.31	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-70-2	Calcium	6250	*	1	2.93	26.2	105	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-47-3	Chromium	2.42	N	1	0.057	0.13	0.52	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-48-4	Cobalt	15.3	N	1	0.061	0.39	1.57	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-50-8	Copper	40.2	N	1	0.49	0.84	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7439-89-6	Iron	19700		1	2.82	4.19	5.24	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7439-92-1	Lead	2.51		1	0.16	0.50	0.63	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7439-95-4	Magnesium	5020		1	3.59	26.2	105	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7439-96-5	Manganese	160		1	0.074	0.26	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0070	0.010	0.013	mg/Kg	04/08/25 07:20	04/08/25 10:06	SW7471B	
7440-02-0	Nickel	10.9		1	0.094	0.52	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-09-7	Potassium	108	N*	1	30.1	83.8	105	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7782-49-2	Selenium	0.84	UN	1	0.35	0.84	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.054	0.26	0.52	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-23-5	Sodium	1270		1	37.8	83.8	105	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-28-0	Thallium	1.05	U	1	0.46	1.05	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-62-2	Vanadium	68.5	N	1	0.28	1.05	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050
7440-66-6	Zinc	23.1	N	1	0.12	0.52	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:15	SW6010	SW3050

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

U = Not Detected
 LOQ = Limit of Quantitation
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 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	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	6710		1	2.12	3.52	4.40	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-36-0	Antimony	0.55	U	1	0.13	0.55	2.20	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-38-2	Arsenic	1.36	N	1	0.26	0.70	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-39-3	Barium	4.79	N	1	0.56	1.10	4.40	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-41-7	Beryllium	0.29	N	1	0.011	0.066	0.26	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-43-9	Cadmium	0.49	*	1	0.014	0.066	0.26	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-70-2	Calcium	5470	*	1	2.46	22.0	88.0	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-47-3	Chromium	2.07	N	1	0.048	0.11	0.44	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-48-4	Cobalt	13.8	N	1	0.051	0.33	1.32	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-50-8	Copper	38.0	N	1	0.41	0.70	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7439-89-6	Iron	17500		1	2.37	3.52	4.40	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7439-92-1	Lead	2.65		1	0.13	0.42	0.53	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7439-95-4	Magnesium	4220		1	3.02	22.0	88.0	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7439-96-5	Manganese	126		1	0.062	0.22	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0070	0.011	0.013	mg/Kg	04/08/25 07:20	04/08/25 10:08	SW7471B	
7440-02-0	Nickel	9.18		1	0.079	0.44	1.76	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-09-7	Potassium	95.6	N*	1	25.3	70.4	88.0	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7782-49-2	Selenium	0.70	UN	1	0.29	0.70	0.88	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-22-4	Silver	0.22	UN	1	0.046	0.22	0.44	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-23-5	Sodium	1170		1	31.8	70.4	88.0	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-28-0	Thallium	0.88	U	1	0.39	0.88	1.76	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-62-2	Vanadium	60.5	N	1	0.24	0.88	1.76	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050
7440-66-6	Zinc	24.5	N	1	0.097	0.44	1.76	mg/Kg	04/07/25 10:05	04/14/25 19:19	SW6010	SW3050

Color Before:	Gray	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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7380		1	2.59	4.30	5.38	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-36-0	Antimony	0.67	U	1	0.16	0.67	2.69	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-38-2	Arsenic	1.64	N	1	0.31	0.86	1.08	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-39-3	Barium	11.4	N	1	0.69	1.34	5.38	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-41-7	Beryllium	0.38	N	1	0.013	0.081	0.32	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-43-9	Cadmium	0.48	*	1	0.017	0.081	0.32	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-70-2	Calcium	6870	*	1	3.01	26.9	108	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-47-3	Chromium	1.40	N	1	0.058	0.13	0.54	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-48-4	Cobalt	16.3	N	1	0.062	0.40	1.61	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-50-8	Copper	35.2	N	1	0.51	0.86	1.08	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7439-89-6	Iron	25400		1	2.89	4.30	5.38	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7439-92-1	Lead	2.96		1	0.16	0.52	0.65	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7439-95-4	Magnesium	6310		1	3.69	26.9	108	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7439-96-5	Manganese	186		1	0.076	0.27	1.08	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7439-97-6	Mercury	0.012	U	1	0.0090	0.012	0.015	mg/Kg	04/08/25 07:20	04/08/25 10:10	SW7471B	
7440-02-0	Nickel	9.15		1	0.097	0.54	2.15	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-09-7	Potassium	95.5	JN*	1	30.9	86.0	108	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7782-49-2	Selenium	0.86	UN	1	0.36	0.86	1.08	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-22-4	Silver	0.27	UN	1	0.056	0.27	0.54	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-23-5	Sodium	1320		1	38.8	86.0	108	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-28-0	Thallium	1.08	U	1	0.47	1.08	2.15	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-62-2	Vanadium	63.0	N	1	0.29	1.08	2.15	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050
7440-66-6	Zinc	26.5	N	1	0.12	0.54	2.15	mg/Kg	04/07/25 10:05	04/14/25 19:23	SW6010	SW3050

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

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7700		1	2.53	4.20	5.24	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-36-0	Antimony	0.66	U	1	0.16	0.66	2.62	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-38-2	Arsenic	2.52	N	1	0.30	0.84	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-39-3	Barium	10.0	N	1	0.67	1.31	5.24	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-41-7	Beryllium	0.37	N	1	0.013	0.079	0.32	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-43-9	Cadmium	0.23	J*	1	0.017	0.079	0.32	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-70-2	Calcium	7860	*	1	2.94	26.2	105	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-47-3	Chromium	1.54	N	1	0.057	0.13	0.52	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-48-4	Cobalt	16.0	N	1	0.061	0.39	1.57	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-50-8	Copper	36.7	N	1	0.49	0.84	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7439-89-6	Iron	25100		1	2.82	4.20	5.24	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7439-92-1	Lead	2.84		1	0.16	0.50	0.63	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7439-95-4	Magnesium	6140		1	3.60	26.2	105	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7439-96-5	Manganese	184		1	0.074	0.26	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7439-97-6	Mercury	0.011	U	1	0.0080	0.011	0.014	mg/Kg	04/08/25 07:20	04/08/25 10:13	SW7471B	
7440-02-0	Nickel	9.47		1	0.094	0.52	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-09-7	Potassium	108	N*	1	30.1	83.9	105	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7782-49-2	Selenium	0.84	UN	1	0.35	0.84	1.05	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.055	0.26	0.52	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-23-5	Sodium	1580		1	37.9	83.9	105	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-28-0	Thallium	1.05	U	1	0.46	1.05	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-62-2	Vanadium	66.8	N	1	0.28	1.05	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050
7440-66-6	Zinc	26.2	N	1	0.12	0.52	2.10	mg/Kg	04/07/25 10:05	04/14/25 19:27	SW6010	SW3050

Color Before:	Gray	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8460		1	2.55	4.23	5.29	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-36-0	Antimony	0.66	U	1	0.16	0.66	2.64	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-38-2	Arsenic	2.07	N	1	0.31	0.85	1.06	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-39-3	Barium	8.57	N	1	0.68	1.32	5.29	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-41-7	Beryllium	0.40	N	1	0.013	0.079	0.32	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-43-9	Cadmium	0.39	*	1	0.017	0.079	0.32	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-70-2	Calcium	8700	*	1	2.96	26.4	106	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-47-3	Chromium	1.86	N	1	0.057	0.13	0.53	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-48-4	Cobalt	16.3	N	1	0.061	0.40	1.59	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-50-8	Copper	37.2	N	1	0.50	0.85	1.06	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7439-89-6	Iron	25100		1	2.85	4.23	5.29	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7439-92-1	Lead	2.80		1	0.16	0.51	0.64	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7439-95-4	Magnesium	6910		1	3.63	26.4	106	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7439-96-5	Manganese	177		1	0.075	0.26	1.06	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7439-97-6	Mercury	0.011	J	1	0.0070	0.011	0.013	mg/Kg	04/08/25 07:20	04/08/25 10:19	SW7471B	
7440-02-0	Nickel	10.5		1	0.095	0.53	2.12	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-09-7	Potassium	133	N*	1	30.4	84.6	106	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7782-49-2	Selenium	0.85	UN	1	0.35	0.85	1.06	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-22-4	Silver	0.26	UN	1	0.055	0.26	0.53	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-23-5	Sodium	1720		1	38.2	84.6	106	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-28-0	Thallium	1.06	U	1	0.47	1.06	2.12	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-62-2	Vanadium	67.0	N	1	0.29	1.06	2.12	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050
7440-66-6	Zinc	26.1	N	1	0.12	0.53	2.12	mg/Kg	04/07/25 10:05	04/14/25 19:32	SW6010	SW3050

Color Before:	Gray	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6420		1	2.26	3.74	4.68	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-36-0	Antimony	0.59	U	1	0.14	0.59	2.34	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-38-2	Arsenic	1.56	N	1	0.27	0.75	0.94	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-39-3	Barium	7.41	N	1	0.60	1.17	4.68	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-41-7	Beryllium	0.31	N	1	0.011	0.070	0.28	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-43-9	Cadmium	0.22	J*	1	0.015	0.070	0.28	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-70-2	Calcium	6500	*	1	2.62	23.4	93.6	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-47-3	Chromium	1.49	N	1	0.051	0.12	0.47	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-48-4	Cobalt	13.8	N	1	0.054	0.35	1.40	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-50-8	Copper	34.1	N	1	0.44	0.75	0.94	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7439-89-6	Iron	21700		1	2.52	3.74	4.68	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7439-92-1	Lead	2.19		1	0.14	0.45	0.56	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7439-95-4	Magnesium	5700		1	3.21	23.4	93.6	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7439-96-5	Manganese	151		1	0.066	0.23	0.94	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.012	0.015	mg/Kg	04/08/25 07:20	04/08/25 10:22	SW7471B	
7440-02-0	Nickel	8.52		1	0.084	0.47	1.87	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-09-7	Potassium	87.7	JN*	1	26.9	74.9	93.6	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7782-49-2	Selenium	0.75	UN	1	0.31	0.75	0.94	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-22-4	Silver	0.23	UN	1	0.049	0.23	0.47	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-23-5	Sodium	1360		1	33.8	74.9	93.6	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-28-0	Thallium	0.94	U	1	0.41	0.94	1.87	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-62-2	Vanadium	54.0	N	1	0.25	0.94	1.87	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050
7440-66-6	Zinc	21.7	N	1	0.10	0.47	1.87	mg/Kg	04/07/25 10:05	04/14/25 19:36	SW6010	SW3050

Color Before:	Gray	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	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	7690		1	2.38	3.95	4.94	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-36-0	Antimony	0.62	U	1	0.15	0.62	2.47	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-38-2	Arsenic	1.62	N	1	0.29	0.79	0.99	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-39-3	Barium	9.63	N	1	0.63	1.23	4.94	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-41-7	Beryllium	0.33	N	1	0.012	0.074	0.30	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-43-9	Cadmium	0.21	J*	1	0.016	0.074	0.30	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-70-2	Calcium	8600	*	1	2.76	24.7	98.7	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-47-3	Chromium	1.86	N	1	0.053	0.12	0.49	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-48-4	Cobalt	14.7	N	1	0.057	0.37	1.48	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-50-8	Copper	34.1	N	1	0.46	0.79	0.99	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7439-89-6	Iron	24000		1	2.66	3.95	4.94	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7439-92-1	Lead	2.25		1	0.15	0.47	0.59	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7439-95-4	Magnesium	6030		1	3.39	24.7	98.7	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7439-96-5	Manganese	157		1	0.070	0.25	0.99	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.011	0.014	mg/Kg	04/08/25 07:20	04/08/25 10:24	SW7471B	
7440-02-0	Nickel	9.45		1	0.089	0.49	1.97	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-09-7	Potassium	111	N*	1	28.3	79.0	98.7	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7782-49-2	Selenium	0.79	UN	1	0.33	0.79	0.99	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-22-4	Silver	0.25	UN	1	0.051	0.25	0.49	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-23-5	Sodium	1710		1	35.6	79.0	98.7	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-28-0	Thallium	0.99	U	1	0.43	0.99	1.97	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-62-2	Vanadium	62.1	N	1	0.27	0.99	1.97	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050
7440-66-6	Zinc	24.5	N	1	0.11	0.49	1.97	mg/Kg	04/07/25 10:05	04/14/25 19:40	SW6010	SW3050

Color Before:	Gray	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8250		1	2.25	3.73	4.66	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-36-0	Antimony	0.58	U	1	0.14	0.58	2.33	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-38-2	Arsenic	2.04	N	1	0.27	0.75	0.93	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-39-3	Barium	5.73	N	1	0.60	1.17	4.66	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-41-7	Beryllium	0.36	N	1	0.011	0.070	0.28	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-43-9	Cadmium	0.56	*	1	0.015	0.070	0.28	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-70-2	Calcium	8400	*	1	2.61	23.3	93.2	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-47-3	Chromium	2.05	N	1	0.050	0.12	0.47	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-48-4	Cobalt	15.5	N	1	0.054	0.35	1.40	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-50-8	Copper	38.0	N	1	0.44	0.75	0.93	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7439-89-6	Iron	22900		1	2.51	3.73	4.66	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7439-92-1	Lead	2.64		1	0.14	0.45	0.56	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7439-95-4	Magnesium	6790		1	3.20	23.3	93.2	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7439-96-5	Manganese	146		1	0.066	0.23	0.93	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7439-97-6	Mercury	0.012	U	1	0.0080	0.012	0.015	mg/Kg	04/08/25 07:20	04/08/25 10:26	SW7471B	
7440-02-0	Nickel	11.1		1	0.084	0.47	1.86	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-09-7	Potassium	128	N*	1	26.7	74.6	93.2	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7782-49-2	Selenium	0.75	UN	1	0.31	0.75	0.93	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-22-4	Silver	0.23	UN	1	0.048	0.23	0.47	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-23-5	Sodium	1800		1	33.6	74.6	93.2	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-28-0	Thallium	0.93	U	1	0.41	0.93	1.86	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-62-2	Vanadium	62.2	N	1	0.25	0.93	1.86	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050
7440-66-6	Zinc	23.2	N	1	0.10	0.47	1.86	mg/Kg	04/07/25 10:05	04/14/25 19:44	SW6010	SW3050

Color Before:	Gray	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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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8410		1	2.08	3.45	4.31	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-36-0	Antimony	0.54	U	1	0.13	0.54	2.16	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-38-2	Arsenic	2.94	N	1	0.25	0.69	0.86	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-39-3	Barium	12.2	N	1	0.55	1.08	4.31	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-41-7	Beryllium	0.42	N	1	0.010	0.065	0.26	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-43-9	Cadmium	0.88	*	1	0.014	0.065	0.26	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-70-2	Calcium	8660	*	1	2.41	21.6	86.2	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-47-3	Chromium	2.37	N	1	0.047	0.11	0.43	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-48-4	Cobalt	17.8	N	1	0.050	0.32	1.29	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-50-8	Copper	34.5	N	1	0.41	0.69	0.86	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7439-89-6	Iron	25600		1	2.32	3.45	4.31	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7439-92-1	Lead	3.18		1	0.13	0.41	0.52	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7439-95-4	Magnesium	7810		1	2.96	21.6	86.2	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7439-96-5	Manganese	252		1	0.061	0.22	0.86	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0070	0.011	0.013	mg/Kg	04/08/25 07:20	04/08/25 10:28	SW7471B	
7440-02-0	Nickel	11.4		1	0.078	0.43	1.72	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-09-7	Potassium	102	N*	1	24.7	69.0	86.2	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7782-49-2	Selenium	0.69	UN	1	0.28	0.69	0.86	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-22-4	Silver	0.22	UN	1	0.045	0.22	0.43	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-23-5	Sodium	1180		1	31.1	69.0	86.2	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-28-0	Thallium	0.86	U	1	0.38	0.86	1.72	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-62-2	Vanadium	66.2	N	1	0.23	0.86	1.72	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050
7440-66-6	Zinc	24.1	N	1	0.095	0.43	1.72	mg/Kg	04/07/25 10:05	04/14/25 19:49	SW6010	SW3050

Color Before:	Gray	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

LAB CHRONICLE

OrderID:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-02	OU4-VSL-15-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
Q1730-03	OU4-VSL-16-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-04	OU4-VSL-16-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
Q1730-05	OU4-VSL-17-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-06	OU4-VSL-17-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/14/25	
Q1730-07	OU4-PCS-TC-21-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-08	OU4-PCS-TC-21-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	

LAB CHRONICLE

			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/14/25	
Q1730-09	OU4-PCS-TC-22-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-10	OU4-PCS-TC-22-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/14/25	
Q1730-11	OU4-PCS-TC-23-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-12	OU4-PCS-TC-23-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
Q1730-13	OU4-PCS-TC-24-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-14	OU4-PCS-TC-24-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
Q1730-15	OU4-PCS-TC-25-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-16	OU4-PCS-TC-25-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	

LAB CHRONICLE

Q1730-17	OU4-PCS-TC-26-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B		04/08/25	04/08/25
			Metals ICP-TAL	6010D		04/07/25	04/14/25
Q1730-18	OU4-PCS-TC-26-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25
			SPLP MetalGroup3	6020B		04/08/25	04/10/25
			SPLP MetalGroup3	6020B		04/08/25	04/14/25
Q1730-19	OU4-CF-15-040325	SOIL			04/03/25		04/04/25
			Mercury	7471B		04/08/25	04/08/25
			Metals ICP-TAL	6010D		04/07/25	04/14/25
Q1730-20	OU4-CF-15-040325	Water			04/03/25		04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25
			SPLP MetalGroup3	6020B		04/08/25	04/10/25
			SPLP MetalGroup3	6020B		04/08/25	04/14/25

Hit Summary Sheet SW-846

SDG No.: Q1730 **Order ID:** Q1730
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-VSL-15-040325									
Q1730-02	OU4-VSL-15-040325	Water	Arsenic	5.30	JD	0.89	2.50	10.0	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Barium	128	D	1.05	6.25	50.0	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Chromium	28.6	D	1.05	3.75	10.0	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Copper	92.1	D	1.50	7.50	10.0	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Lead	1.65	JD	1.05	3.75	5.00	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Nickel	132	D	1.35	3.75	5.00	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Mercury	0.61		0.076	0.16	0.20	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Vanadium	528	D	0.39	1.25	25.0	ug/L
Q1730-02	OU4-VSL-15-040325	Water	Zinc	757	D	6.25	7.50	25.0	ug/L
Client ID : OU4-VSL-16-040325									
Q1730-04	OU4-VSL-16-040325	Water	Arsenic	4.90	JD	0.89	2.50	10.0	ug/L
Q1730-04	OU4-VSL-16-040325	Water	Barium	130	D	1.05	6.25	50.0	ug/L
Q1730-04	OU4-VSL-16-040325	Water	Chromium	12.9	D	1.05	3.75	10.0	ug/L
Q1730-04	OU4-VSL-16-040325	Water	Copper	111	D	1.50	7.50	10.0	ug/L
Q1730-04	OU4-VSL-16-040325	Water	Lead	1.45	JD	1.05	3.75	5.00	ug/L
Q1730-04	OU4-VSL-16-040325	Water	Nickel	117	D	1.35	3.75	5.00	ug/L
Q1730-04	OU4-VSL-16-040325	Water	Vanadium	356	D	0.39	1.25	25.0	ug/L
Q1730-04	OU4-VSL-16-040325	Water	Zinc	739	D	6.25	7.50	25.0	ug/L
Client ID : OU4-VSL-17-040325									
Q1730-06	OU4-VSL-17-040325	Water	Arsenic	4.00	JD	2.23	6.25	25.0	ug/L
Q1730-06	OU4-VSL-17-040325	Water	Barium	119	D	1.05	6.25	50.0	ug/L
Q1730-06	OU4-VSL-17-040325	Water	Chromium	8.90	JD	1.05	3.75	10.0	ug/L
Q1730-06	OU4-VSL-17-040325	Water	Copper	124	D	1.50	7.50	10.0	ug/L
Q1730-06	OU4-VSL-17-040325	Water	Nickel	96.4	D	1.35	3.75	5.00	ug/L
Q1730-06	OU4-VSL-17-040325	Water	Mercury	0.20		0.076	0.16	0.20	ug/L
Q1730-06	OU4-VSL-17-040325	Water	Vanadium	246	D	0.39	1.25	25.0	ug/L
Q1730-06	OU4-VSL-17-040325	Water	Zinc	889	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-21-040325									
Q1730-08	OU4-PCS-TC-21-040325	Water	Arsenic	4.40	JD	0.89	2.50	10.0	ug/L
Q1730-08	OU4-PCS-TC-21-040325	Water	Barium	129	D	1.05	6.25	50.0	ug/L
Q1730-08	OU4-PCS-TC-21-040325	Water	Chromium	1.80	JD	1.05	3.75	10.0	ug/L
Q1730-08	OU4-PCS-TC-21-040325	Water	Copper	88.0	D	1.50	7.50	10.0	ug/L
Q1730-08	OU4-PCS-TC-21-040325	Water	Nickel	56.7	D	1.35	3.75	5.00	ug/L
Q1730-08	OU4-PCS-TC-21-040325	Water	Vanadium	54.6	D	0.39	1.25	25.0	ug/L
Q1730-08	OU4-PCS-TC-21-040325	Water	Zinc	835	D	6.25	7.50	25.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q1730 **Order ID:** Q1730
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-22-040325									
Q1730-10	OU4-PCS-TC-22-040325	Water	Arsenic	2.70	JD	0.45	1.25	5.00	ug/L
Q1730-10	OU4-PCS-TC-22-040325	Water	Barium	122	D	1.05	6.25	50.0	ug/L
Q1730-10	OU4-PCS-TC-22-040325	Water	Chromium	2.40	JD	1.05	3.75	10.0	ug/L
Q1730-10	OU4-PCS-TC-22-040325	Water	Copper	98.2	D	1.50	7.50	10.0	ug/L
Q1730-10	OU4-PCS-TC-22-040325	Water	Nickel	59.4	D	1.35	3.75	5.00	ug/L
Q1730-10	OU4-PCS-TC-22-040325	Water	Vanadium	85.4	D	0.39	1.25	25.0	ug/L
Q1730-10	OU4-PCS-TC-22-040325	Water	Zinc	760	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-23-040325									
Q1730-12	OU4-PCS-TC-23-040325	Water	Arsenic	8.10	JD	0.89	2.50	10.0	ug/L
Q1730-12	OU4-PCS-TC-23-040325	Water	Barium	110	D	1.05	6.25	50.0	ug/L
Q1730-12	OU4-PCS-TC-23-040325	Water	Chromium	36.2	D	1.05	3.75	10.0	ug/L
Q1730-12	OU4-PCS-TC-23-040325	Water	Copper	103	D	1.50	7.50	10.0	ug/L
Q1730-12	OU4-PCS-TC-23-040325	Water	Nickel	107	D	1.35	3.75	5.00	ug/L
Q1730-12	OU4-PCS-TC-23-040325	Water	Vanadium	94.2	D	0.39	1.25	25.0	ug/L
Q1730-12	OU4-PCS-TC-23-040325	Water	Zinc	867	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-24-040325									
Q1730-14	OU4-PCS-TC-24-040325	Water	Barium	123	D	1.05	6.25	50.0	ug/L
Q1730-14	OU4-PCS-TC-24-040325	Water	Copper	2.00	JD	1.50	7.50	10.0	ug/L
Q1730-14	OU4-PCS-TC-24-040325	Water	Nickel	50.5	D	1.35	3.75	5.00	ug/L
Q1730-14	OU4-PCS-TC-24-040325	Water	Zinc	957	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-25-040325									
Q1730-16	OU4-PCS-TC-25-040325	Water	Arsenic	12.5	D	0.89	2.50	10.0	ug/L
Q1730-16	OU4-PCS-TC-25-040325	Water	Barium	118	D	1.05	6.25	50.0	ug/L
Q1730-16	OU4-PCS-TC-25-040325	Water	Chromium	2.65	JD	1.05	3.75	10.0	ug/L
Q1730-16	OU4-PCS-TC-25-040325	Water	Copper	88.5	D	1.50	7.50	10.0	ug/L
Q1730-16	OU4-PCS-TC-25-040325	Water	Nickel	71.7	D	1.35	3.75	5.00	ug/L
Q1730-16	OU4-PCS-TC-25-040325	Water	Vanadium	109	D	0.39	1.25	25.0	ug/L
Q1730-16	OU4-PCS-TC-25-040325	Water	Zinc	817	D	6.25	7.50	25.0	ug/L
Client ID : OU4-PCS-TC-26-040325									
Q1730-18	OU4-PCS-TC-26-040325	Water	Arsenic	2.35	JD	0.45	1.25	5.00	ug/L
Q1730-18	OU4-PCS-TC-26-040325	Water	Barium	115	D	1.05	6.25	50.0	ug/L
Q1730-18	OU4-PCS-TC-26-040325	Water	Chromium	2.90	JD	1.05	3.75	10.0	ug/L
Q1730-18	OU4-PCS-TC-26-040325	Water	Copper	58.4	D	1.50	7.50	10.0	ug/L
Q1730-18	OU4-PCS-TC-26-040325	Water	Nickel	89.5	D	1.35	3.75	5.00	ug/L
Q1730-18	OU4-PCS-TC-26-040325	Water	Vanadium	167	D	0.39	1.25	25.0	ug/L
Q1730-18	OU4-PCS-TC-26-040325	Water	Zinc	715	D	6.25	7.50	25.0	ug/L

A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: Q1730
Client: Nobis Group

Order ID: Q1730
Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-CF-15-040325									
Q1730-20	OU4-CF-15-040325	Water	Arsenic	1.85	JD	0.45	1.25	5.00	ug/L
Q1730-20	OU4-CF-15-040325	Water	Barium	118	D	1.05	6.25	50.0	ug/L
Q1730-20	OU4-CF-15-040325	Water	Copper	49.0	D	1.50	7.50	10.0	ug/L
Q1730-20	OU4-CF-15-040325	Water	Nickel	73.3	D	1.35	3.75	5.00	ug/L
Q1730-20	OU4-CF-15-040325	Water	Vanadium	15.0	JD	0.39	1.25	25.0	ug/L
Q1730-20	OU4-CF-15-040325	Water	Zinc	811	D	6.25	7.50	25.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-02	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	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-38-2	Arsenic	5.30	JDN	10	0.89	2.50	10.0	ug/L	04/08/25 12:30	04/10/25 17:02	SW6020	3010A
7440-39-3	Barium	128	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-47-3	Chromium	28.6	D	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-50-8	Copper	92.1	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7439-92-1	Lead	1.65	JD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7439-97-6	Mercury	0.61		1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:28	SW7470A	
7440-02-0	Nickel	132	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/10/25 17:02	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-62-2	Vanadium	528	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 15:55	SW6020	3010A
7440-66-6	Zinc	757	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 15:55	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-04	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	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-38-2	Arsenic	4.90	JDN	10	0.89	2.50	10.0	ug/L	04/08/25 12:30	04/10/25 17:05	SW6020	3010A
7440-39-3	Barium	130	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-47-3	Chromium	12.9	D	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-50-8	Copper	111	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7439-92-1	Lead	1.45	JD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:31	SW7470A	
7440-02-0	Nickel	117	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/10/25 17:05	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-62-2	Vanadium	356	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 15:59	SW6020	3010A
7440-66-6	Zinc	739	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 15:59	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UD	5	0.55	1.25	10.0	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-38-2	Arsenic	4.00	JDN	25	2.23	6.25	25.0	ug/L	04/08/25 12:30	04/14/25 16:51	SW6020	3010A
7440-39-3	Barium	119	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-47-3	Chromium	8.90	JD	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-50-8	Copper	124	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7439-97-6	Mercury	0.20		1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:40	SW7470A	
7440-02-0	Nickel	96.4	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	04/08/25 12:30	04/14/25 16:51	SW6020	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-62-2	Vanadium	246	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A
7440-66-6	Zinc	889	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:02	SW6020	3010A

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

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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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-08	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	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-38-2	Arsenic	4.40	JDN	10	0.89	2.50	10.0	ug/L	04/08/25 12:30	04/14/25 16:55	SW6020	3010A
7440-39-3	Barium	129	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-47-3	Chromium	1.80	JD	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-50-8	Copper	88.0	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:42	SW7470A	
7440-02-0	Nickel	56.7	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/14/25 16:55	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-62-2	Vanadium	54.6	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:05	SW6020	3010A
7440-66-6	Zinc	835	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:05	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-10	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	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-38-2	Arsenic	2.70	JDN	5	0.45	1.25	5.00	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-39-3	Barium	122	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-47-3	Chromium	2.40	JD	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-50-8	Copper	98.2	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:45	SW7470A	
7440-02-0	Nickel	59.4	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/14/25 16:58	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-62-2	Vanadium	85.4	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:19	SW6020	3010A
7440-66-6	Zinc	760	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:19	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-12	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	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-38-2	Arsenic	8.10	JDN	10	0.89	2.50	10.0	ug/L	04/08/25 12:30	04/10/25 17:11	SW6020	3010A
7440-39-3	Barium	110	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-47-3	Chromium	36.2	D	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-50-8	Copper	103	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:47	SW7470A	
7440-02-0	Nickel	107	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/10/25 17:11	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-62-2	Vanadium	94.2	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:23	SW6020	3010A
7440-66-6	Zinc	867	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:23	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-14	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	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-38-2	Arsenic	1.25	UDN5		0.45	1.25	5.00	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-39-3	Barium	123	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-47-3	Chromium	3.75	UD	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-50-8	Copper	2.00	JD	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:49	SW7470A	
7440-02-0	Nickel	50.5	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-62-2	Vanadium	1.25	UD	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:26	SW6020	3010A
7440-66-6	Zinc	957	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:26	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-16	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	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-38-2	Arsenic	12.5	DN	10	0.89	2.50	10.0	ug/L	04/08/25 12:30	04/10/25 17:15	SW6020	3010A
7440-39-3	Barium	118	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-47-3	Chromium	2.65	JD	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-50-8	Copper	88.5	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:51	SW7470A	
7440-02-0	Nickel	71.7	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/10/25 17:15	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-62-2	Vanadium	109	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:29	SW6020	3010A
7440-66-6	Zinc	817	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:29	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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-18	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	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-38-2	Arsenic	2.35	JDN	5	0.45	1.25	5.00	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-39-3	Barium	115	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-47-3	Chromium	2.90	JD	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-50-8	Copper	58.4	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:54	SW7470A	
7440-02-0	Nickel	89.5	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/14/25 17:01	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-62-2	Vanadium	167	D	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:32	SW6020	3010A
7440-66-6	Zinc	715	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:32	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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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-20	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	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-38-2	Arsenic	1.85	JDN	5	0.45	1.25	5.00	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-39-3	Barium	118	D	5	1.05	6.25	50.0	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-43-9	Cadmium	2.50	UD	5	1.70	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-47-3	Chromium	3.75	UD	5	1.05	3.75	10.0	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-50-8	Copper	49.0	D	5	1.50	7.50	10.0	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7439-92-1	Lead	3.75	UD	5	1.05	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	04/10/25 09:45	04/10/25 14:56	SW7470A	
7440-02-0	Nickel	73.3	D	5	1.35	3.75	5.00	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7782-49-2	Selenium	45.0	UD	10	29.0	45.0	50.0	ug/L	04/08/25 12:30	04/14/25 17:04	SW6020	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-28-0	Thallium	2.50	UD	5	0.30	2.50	5.00	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-62-2	Vanadium	15.0	JD	5	0.39	1.25	25.0	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A
7440-66-6	Zinc	811	D	5	6.25	7.50	25.0	ug/L	04/08/25 12:30	04/10/25 16:36	SW6020	3010A

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

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LAB CHRONICLE

OrderID:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-02	OU4-VSL-15-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
Q1730-03	OU4-VSL-16-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-04	OU4-VSL-16-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
Q1730-05	OU4-VSL-17-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-06	OU4-VSL-17-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/14/25	
Q1730-07	OU4-PCS-TC-21-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-08	OU4-PCS-TC-21-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	

LAB CHRONICLE

			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/14/25	
Q1730-09	OU4-PCS-TC-22-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-10	OU4-PCS-TC-22-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/14/25	
Q1730-11	OU4-PCS-TC-23-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-12	OU4-PCS-TC-23-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
Q1730-13	OU4-PCS-TC-24-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-14	OU4-PCS-TC-24-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	
Q1730-15	OU4-PCS-TC-25-0403 25	SOIL			04/03/25		04/04/25
			Mercury	7471B	04/08/25	04/08/25	
			Metals ICP-TAL	6010D	04/07/25	04/14/25	
Q1730-16	OU4-PCS-TC-25-0403 25	Water			04/03/25		04/04/25
			SPLP Mercury	7470A	04/10/25	04/10/25	
			SPLP MetalGroup3	6020B	04/08/25	04/10/25	

LAB CHRONICLE

Q1730-17	OU4-PCS-TC-26-0403 25	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-18	OU4-PCS-TC-26-0403 25	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/14/25	
Q1730-19	OU4-CF-15-040325	SOIL			04/03/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1730-20	OU4-CF-15-040325	Water			04/03/25			04/04/25
			SPLP Mercury	7470A		04/10/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/10/25	
			SPLP MetalGroup3	6020B		04/08/25	04/14/25	



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25 12:10
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
		% Solid:	96.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.20	U	1	0.042	0.20	0.25	mg/Kg	04/08/25 09:00	04/08/25 13:38	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:	04/03/25 12:20
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
		% Solid:	94.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.044	0.21	0.26	mg/Kg	04/08/25 09:00	04/08/25 13:38	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:	04/03/25 12:30
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	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	0.043	0.21	0.26	mg/Kg	04/08/25 09:00	04/08/25 13:38	9012B

Comments:

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

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25 13:45
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
		% Solid:	89

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.22	U	1	0.047	0.22	0.28	mg/Kg	04/08/25 09:00	04/08/25 13:46	9012B

Comments:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
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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:	04/03/25 13:50
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-09	Matrix:	SOIL
		% Solid:	90.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.045	0.21	0.27	mg/Kg	04/08/25 09:00	04/08/25 13:46	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:	04/03/25 13:55
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
		% Solid:	90.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.22	U	1	0.045	0.22	0.27	mg/Kg	04/08/25 09:00	04/08/25 13:46	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:	04/03/25 14:00
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
		% Solid:	91.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.044	0.21	0.26	mg/Kg	04/08/25 09:00	04/08/25 13:53	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:	04/03/25 14:05
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	Matrix:	SOIL
		% Solid:	92.5

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	0.27	mg/Kg	04/08/25 09:00	04/08/25 13:53	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:	04/03/25 14:10
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-17	Matrix:	SOIL
		% Solid:	92.1

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	0.27	mg/Kg	04/08/25 09:00	04/08/25 14:00	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25 13:00
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
		% Solid:	93.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.21	U	1	0.043	0.21	0.26	mg/Kg	04/08/25 09:00	04/08/25 14:27	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

LAB CHRONICLE

OrderID:	Q1730	OrderDate:	4/4/2025 10:51:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL			04/03/25 12:10			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:38	
Q1730-03	OU4-VSL-16-040325	SOIL			04/03/25 12:20			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:38	
Q1730-05	OU4-VSL-17-040325	SOIL			04/03/25 12:30			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:38	
Q1730-07	OU4-PCS-TC-21-0403 25	SOIL			04/03/25 13:45			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:46	
Q1730-09	OU4-PCS-TC-22-0403 25	SOIL			04/03/25 13:50			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:46	
Q1730-11	OU4-PCS-TC-23-0403 25	SOIL			04/03/25 13:55			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:46	
Q1730-13	OU4-PCS-TC-24-0403 25	SOIL			04/03/25 14:00			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:53	

LAB CHRONICLE

Q1730-15	OU4-PCS-TC-25-0403 25	SOIL			04/03/25 14:05			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:53	
Q1730-17	OU4-PCS-TC-26-0403 25	SOIL			04/03/25 14:10			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 14:00	
Q1730-19	OU4-CF-15-040325	SOIL			04/03/25 13:00			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 14:27	