



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2639
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
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Client ID: 0

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.6	
Sample Wt/Vol:	4.62	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:	Date Analyzed	Prep Batch ID
VY023008.D	1	07/18/25 19:18	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0054	U	0.0015	0.0054	0.0067	mg/Kg
74-87-3	Chloromethane	0.0034	U	0.0015	0.0034	0.0067	mg/Kg
75-01-4	Vinyl Chloride	0.0034	U	0.0011	0.0034	0.0067	mg/Kg
74-83-9	Bromomethane	0.0054	U	0.0014	0.0054	0.0067	mg/Kg
75-00-3	Chloroethane	0.0034	U	0.0017	0.0034	0.0067	mg/Kg
109-99-9	Tetrahydrofuran	0.017	U	0.0063	0.017	0.034	mg/Kg
75-69-4	Trichlorofluoromethane	0.0054	U	0.0016	0.0054	0.0067	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0034	U	0.0014	0.0034	0.0067	mg/Kg
75-35-4	1,1-Dichloroethene	0.0034	U	0.0013	0.0034	0.0067	mg/Kg
107-13-1	Acrylonitrile	0.017	U	0.0067	0.017	0.034	mg/Kg
67-64-1	Acetone	0.027	U	0.0064	0.027	0.034	mg/Kg
75-15-0	Carbon Disulfide	0.0054	U	0.0014	0.0054	0.0067	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0034	U	0.00098	0.0034	0.0067	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0047	0.011	0.013	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
75-34-3	1,1-Dichloroethane	0.0034	U	0.0011	0.0034	0.0067	mg/Kg
78-93-3	2-Butanone	0.027	U	0.0088	0.027	0.034	mg/Kg
56-23-5	Carbon Tetrachloride	0.0034	U	0.0013	0.0034	0.0067	mg/Kg
594-20-7	2,2-Dichloropropane	0.0054	U	0.0017	0.0054	0.0067	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0034	U	0.0010	0.0034	0.0067	mg/Kg
67-66-3	Chloroform	0.0054	U	0.0011	0.0054	0.0067	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
563-58-6	1,1-Dichloropropene	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
71-43-2	Benzene	0.0034	U	0.0011	0.0034	0.0067	mg/Kg
107-06-2	1,2-Dichloroethane	0.0034	U	0.0011	0.0034	0.0067	mg/Kg
79-01-6	Trichloroethene	0.0034	U	0.0011	0.0034	0.0067	mg/Kg
78-87-5	1,2-Dichloropropane	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
74-95-3	Dibromomethane	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
75-27-4	Bromodichloromethane	0.0034	U	0.0010	0.0034	0.0067	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0048	0.017	0.034	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.6	
Sample Wt/Vol:	4.62	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:	Date Analyzed	Prep Batch ID
VY023008.D	1	07/18/25 19:18	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0034	U	0.0010	0.0034	0.0067	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0034	U	0.00087	0.0034	0.0067	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0034	U	0.00083	0.0034	0.0067	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
142-28-9	1,3-Dichloropropane	0.0034	U	0.00091	0.0034	0.0067	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0050	0.017	0.034	mg/Kg
124-48-1	Dibromochloromethane	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
106-93-4	1,2-Dibromoethane	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
127-18-4	Tetrachloroethene	0.0034	U	0.0014	0.0034	0.0067	mg/Kg
108-90-7	Chlorobenzene	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0034	U	0.0010	0.0034	0.0067	mg/Kg
100-41-4	Ethyl Benzene	0.0034	U	0.00090	0.0034	0.0067	mg/Kg
1330-20-7	Total Xylenes	0.010	U	0.0028	0.010	0.020	mg/Kg
179601-23-1	m/p-Xylenes	0.0067	U	0.0017	0.0067	0.013	mg/Kg
95-47-6	o-Xylene	0.0034	U	0.0011	0.0034	0.0067	mg/Kg
100-42-5	Styrene	0.0034	U	0.00095	0.0034	0.0067	mg/Kg
75-25-2	Bromoform	0.0034	U	0.0012	0.0034	0.0067	mg/Kg
98-82-8	Isopropylbenzene	0.0034	U	0.0010	0.0034	0.0067	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0034	U	0.0016	0.0034	0.0067	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0054	U	0.0017	0.0054	0.0067	mg/Kg
108-86-1	Bromobenzene	0.0034	U	0.0016	0.0034	0.0067	mg/Kg
103-65-1	n-propylbenzene	0.0034	U	0.00098	0.0034	0.0067	mg/Kg
95-49-8	2-Chlorotoluene	0.0034	U	0.00091	0.0034	0.0067	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0034	U	0.0011	0.0034	0.0067	mg/Kg
106-43-4	4-Chlorotoluene	0.0034	U	0.0016	0.0034	0.0067	mg/Kg
98-06-6	tert-Butylbenzene	0.0034	U	0.00090	0.0034	0.0067	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0034	U	0.00086	0.0034	0.0067	mg/Kg
135-98-8	sec-Butylbenzene	0.0034	U	0.00089	0.0034	0.0067	mg/Kg
99-87-6	p-Isopropyltoluene	0.0034	U	0.00083	0.0034	0.0067	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0034	U	0.0023	0.0034	0.0067	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0034	U	0.0021	0.0034	0.0067	mg/Kg

Report of Analysis

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Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.6	
Sample Wt/Vol:	4.62	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:	Date Analyzed	Prep Batch ID
VY023008.D	1	07/18/25 19:18	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0034	U	0.0019	0.0034	0.0067	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0034	U	0.0019	0.0034	0.0067	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0054	U	0.0025	0.0054	0.0067	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0054	U	0.0040	0.0054	0.0067	mg/Kg
87-68-3	Hexachlorobutadiene	0.0034	U	0.0026	0.0034	0.0067	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0054	U	0.0043	0.0054	0.0067	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0034	U	0.0014	0.0034	0.0067	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	67.9		71 - 136		136%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	48.5		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		79 - 119		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	274000	7.707				
540-36-3	1,4-Difluorobenzene	495000	8.616				
3114-55-4	Chlorobenzene-d5	488000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	214000	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-39-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81	
Sample Wt/Vol:	4.34	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:	Date Analyzed	Prep Batch ID
VY023009.D	1	07/18/25 19:41	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0057	U	0.0016	0.0057	0.0071	mg/Kg
74-87-3	Chloromethane	0.0036	U	0.0016	0.0036	0.0071	mg/Kg
75-01-4	Vinyl Chloride	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
74-83-9	Bromomethane	0.0057	U	0.0015	0.0057	0.0071	mg/Kg
75-00-3	Chloroethane	0.0036	U	0.0018	0.0036	0.0071	mg/Kg
109-99-9	Tetrahydrofuran	0.018	U	0.0066	0.018	0.036	mg/Kg
75-69-4	Trichlorofluoromethane	0.0057	U	0.0017	0.0057	0.0071	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0036	U	0.0015	0.0036	0.0071	mg/Kg
75-35-4	1,1-Dichloroethene	0.0036	U	0.0014	0.0036	0.0071	mg/Kg
107-13-1	Acrylonitrile	0.018	U	0.0071	0.018	0.036	mg/Kg
67-64-1	Acetone	0.028	U	0.0067	0.028	0.036	mg/Kg
75-15-0	Carbon Disulfide	0.0057	U	0.0015	0.0057	0.0071	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0036	U	0.0010	0.0036	0.0071	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0050	0.011	0.014	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0036	U	0.0012	0.0036	0.0071	mg/Kg
75-34-3	1,1-Dichloroethane	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
78-93-3	2-Butanone	0.028	U	0.0093	0.028	0.036	mg/Kg
56-23-5	Carbon Tetrachloride	0.0036	U	0.0014	0.0036	0.0071	mg/Kg
594-20-7	2,2-Dichloropropane	0.0057	U	0.0018	0.0057	0.0071	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
67-66-3	Chloroform	0.0057	U	0.0012	0.0057	0.0071	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0036	U	0.0013	0.0036	0.0071	mg/Kg
563-58-6	1,1-Dichloropropene	0.0036	U	0.0012	0.0036	0.0071	mg/Kg
71-43-2	Benzene	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
107-06-2	1,2-Dichloroethane	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
79-01-6	Trichloroethene	0.0036	U	0.0012	0.0036	0.0071	mg/Kg
78-87-5	1,2-Dichloropropane	0.0036	U	0.0013	0.0036	0.0071	mg/Kg
74-95-3	Dibromomethane	0.0036	U	0.0013	0.0036	0.0071	mg/Kg
75-27-4	Bromodichloromethane	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.018	U	0.0051	0.018	0.036	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-39-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81	
Sample Wt/Vol:	4.34	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:	Date Analyzed	Prep Batch ID
VY023009.D	1	07/18/25 19:41	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0036	U	0.00092	0.0036	0.0071	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0036	U	0.00088	0.0036	0.0071	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0036	U	0.0013	0.0036	0.0071	mg/Kg
142-28-9	1,3-Dichloropropane	0.0036	U	0.00097	0.0036	0.0071	mg/Kg
591-78-6	2-Hexanone	0.018	U	0.0052	0.018	0.036	mg/Kg
124-48-1	Dibromochloromethane	0.0036	U	0.0012	0.0036	0.0071	mg/Kg
106-93-4	1,2-Dibromoethane	0.0036	U	0.0013	0.0036	0.0071	mg/Kg
127-18-4	Tetrachloroethene	0.0036	U	0.0015	0.0036	0.0071	mg/Kg
108-90-7	Chlorobenzene	0.0036	U	0.0013	0.0036	0.0071	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
100-41-4	Ethyl Benzene	0.0036	U	0.00095	0.0036	0.0071	mg/Kg
1330-20-7	Total Xylenes	0.011	U	0.0030	0.011	0.021	mg/Kg
179601-23-1	m/p-Xylenes	0.0071	U	0.0018	0.0071	0.014	mg/Kg
95-47-6	o-Xylene	0.0036	U	0.0012	0.0036	0.0071	mg/Kg
100-42-5	Styrene	0.0036	U	0.0010	0.0036	0.0071	mg/Kg
75-25-2	Bromoform	0.0036	U	0.0012	0.0036	0.0071	mg/Kg
98-82-8	Isopropylbenzene	0.0036	U	0.0011	0.0036	0.0071	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0036	U	0.0017	0.0036	0.0071	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0057	U	0.0018	0.0057	0.0071	mg/Kg
108-86-1	Bromobenzene	0.0036	U	0.0017	0.0036	0.0071	mg/Kg
103-65-1	n-propylbenzene	0.0036	U	0.0010	0.0036	0.0071	mg/Kg
95-49-8	2-Chlorotoluene	0.0036	U	0.00097	0.0036	0.0071	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0036	U	0.0012	0.0036	0.0071	mg/Kg
106-43-4	4-Chlorotoluene	0.0036	U	0.0017	0.0036	0.0071	mg/Kg
98-06-6	tert-Butylbenzene	0.0036	U	0.00095	0.0036	0.0071	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0036	U	0.00091	0.0036	0.0071	mg/Kg
135-98-8	sec-Butylbenzene	0.0036	U	0.00094	0.0036	0.0071	mg/Kg
99-87-6	p-Isopropyltoluene	0.0036	U	0.00088	0.0036	0.0071	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0036	U	0.0024	0.0036	0.0071	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0036	U	0.0022	0.0036	0.0071	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
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Sample Wt/Vol:	4.34	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
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VY023009.D	1	07/18/25 19:41	VY071825

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95-50-1	1,2-Dichlorobenzene	0.0036	U	0.0021	0.0036	0.0071	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0057	U	0.0026	0.0057	0.0071	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0057	U	0.0042	0.0057	0.0071	mg/Kg
87-68-3	Hexachlorobutadiene	0.0036	U	0.0027	0.0036	0.0071	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0057	U	0.0045	0.0057	0.0071	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0036	U	0.0015	0.0036	0.0071	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	67.4		71 - 136		135%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	48.4		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		79 - 119		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	277000	7.707				
540-36-3	1,4-Difluorobenzene	502000	8.616				
3114-55-4	Chlorobenzene-d5	491000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	219000	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

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Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.7	
Sample Wt/Vol:	4.37	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:	Date Analyzed	Prep Batch ID
VY023010.D	1	07/18/25 20:03	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0057	U	0.0016	0.0057	0.0071	mg/Kg
74-87-3	Chloromethane	0.0035	U	0.0016	0.0035	0.0071	mg/Kg
75-01-4	Vinyl Chloride	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
74-83-9	Bromomethane	0.0057	U	0.0015	0.0057	0.0071	mg/Kg
75-00-3	Chloroethane	0.0035	U	0.0018	0.0035	0.0071	mg/Kg
109-99-9	Tetrahydrofuran	0.018	U	0.0066	0.018	0.035	mg/Kg
75-69-4	Trichlorofluoromethane	0.0057	U	0.0017	0.0057	0.0071	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0035	U	0.0015	0.0035	0.0071	mg/Kg
75-35-4	1,1-Dichloroethene	0.0035	U	0.0014	0.0035	0.0071	mg/Kg
107-13-1	Acrylonitrile	0.018	U	0.0071	0.018	0.035	mg/Kg
67-64-1	Acetone	0.028	U	0.0067	0.028	0.035	mg/Kg
75-15-0	Carbon Disulfide	0.0057	U	0.0015	0.0057	0.0071	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0035	U	0.0010	0.0035	0.0071	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0050	0.011	0.014	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0035	U	0.0012	0.0035	0.0071	mg/Kg
75-34-3	1,1-Dichloroethane	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
78-93-3	2-Butanone	0.028	U	0.0093	0.028	0.035	mg/Kg
56-23-5	Carbon Tetrachloride	0.0035	U	0.0014	0.0035	0.0071	mg/Kg
594-20-7	2,2-Dichloropropane	0.0057	U	0.0018	0.0057	0.0071	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
67-66-3	Chloroform	0.0057	U	0.0012	0.0057	0.0071	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0035	U	0.0013	0.0035	0.0071	mg/Kg
563-58-6	1,1-Dichloropropene	0.0035	U	0.0012	0.0035	0.0071	mg/Kg
71-43-2	Benzene	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
107-06-2	1,2-Dichloroethane	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
79-01-6	Trichloroethene	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
78-87-5	1,2-Dichloropropane	0.0035	U	0.0013	0.0035	0.0071	mg/Kg
74-95-3	Dibromomethane	0.0035	U	0.0013	0.0035	0.0071	mg/Kg
75-27-4	Bromodichloromethane	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.018	U	0.0051	0.018	0.035	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.7	
Sample Wt/Vol:	4.37	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:	Date Analyzed	Prep Batch ID
VY023010.D	1	07/18/25 20:03	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0035	U	0.00092	0.0035	0.0071	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0035	U	0.00088	0.0035	0.0071	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0035	U	0.0013	0.0035	0.0071	mg/Kg
142-28-9	1,3-Dichloropropane	0.0035	U	0.00096	0.0035	0.0071	mg/Kg
591-78-6	2-Hexanone	0.018	U	0.0052	0.018	0.035	mg/Kg
124-48-1	Dibromochloromethane	0.0035	U	0.0012	0.0035	0.0071	mg/Kg
106-93-4	1,2-Dibromoethane	0.0035	U	0.0012	0.0035	0.0071	mg/Kg
127-18-4	Tetrachloroethene	0.0035	U	0.0015	0.0035	0.0071	mg/Kg
108-90-7	Chlorobenzene	0.0035	U	0.0013	0.0035	0.0071	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
100-41-4	Ethyl Benzene	0.0035	U	0.00095	0.0035	0.0071	mg/Kg
1330-20-7	Total Xylenes	0.011	U	0.0030	0.011	0.021	mg/Kg
179601-23-1	m/p-Xylenes	0.0071	U	0.0018	0.0071	0.014	mg/Kg
95-47-6	o-Xylene	0.0035	U	0.0012	0.0035	0.0071	mg/Kg
100-42-5	Styrene	0.0035	U	0.0010	0.0035	0.0071	mg/Kg
75-25-2	Bromoform	0.0035	U	0.0012	0.0035	0.0071	mg/Kg
98-82-8	Isopropylbenzene	0.0035	U	0.0011	0.0035	0.0071	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0035	U	0.0017	0.0035	0.0071	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0057	U	0.0018	0.0057	0.0071	mg/Kg
108-86-1	Bromobenzene	0.0035	U	0.0017	0.0035	0.0071	mg/Kg
103-65-1	n-propylbenzene	0.0035	U	0.0010	0.0035	0.0071	mg/Kg
95-49-8	2-Chlorotoluene	0.0035	U	0.00096	0.0035	0.0071	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0035	U	0.0012	0.0035	0.0071	mg/Kg
106-43-4	4-Chlorotoluene	0.0035	U	0.0017	0.0035	0.0071	mg/Kg
98-06-6	tert-Butylbenzene	0.0035	U	0.00095	0.0035	0.0071	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0035	U	0.00091	0.0035	0.0071	mg/Kg
135-98-8	sec-Butylbenzene	0.0035	U	0.00094	0.0035	0.0071	mg/Kg
99-87-6	p-Isopropyltoluene	0.0035	U	0.00088	0.0035	0.0071	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0035	U	0.0024	0.0035	0.0071	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0035	U	0.0022	0.0035	0.0071	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.7	
Sample Wt/Vol:	4.37	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:	Date Analyzed	Prep Batch ID
VY023010.D	1	07/18/25 20:03	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0035	U	0.0021	0.0035	0.0071	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0035	U	0.0021	0.0035	0.0071	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0057	U	0.0026	0.0057	0.0071	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0057	U	0.0042	0.0057	0.0071	mg/Kg
87-68-3	Hexachlorobutadiene	0.0035	U	0.0027	0.0035	0.0071	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0057	U	0.0045	0.0057	0.0071	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0035	U	0.0015	0.0035	0.0071	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	68.1		71 - 136		136%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	48.6		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		79 - 119		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	269000	7.707				
540-36-3	1,4-Difluorobenzene	484000	8.616				
3114-55-4	Chlorobenzene-d5	470000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	211000	13.341				

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82	
Sample Wt/Vol:	4.24	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:	Date Analyzed	Prep Batch ID
VY023020.D	1	07/21/25 12:39	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0058	U	0.0016	0.0058	0.0072	mg/Kg
74-87-3	Chloromethane	0.0036	U	0.0016	0.0036	0.0072	mg/Kg
75-01-4	Vinyl Chloride	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
74-83-9	Bromomethane	0.0058	U	0.0015	0.0058	0.0072	mg/Kg
75-00-3	Chloroethane	0.0036	U	0.0018	0.0036	0.0072	mg/Kg
109-99-9	Tetrahydrofuran	0.018	U	0.0067	0.018	0.036	mg/Kg
75-69-4	Trichlorofluoromethane	0.0058	U	0.0017	0.0058	0.0072	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0036	U	0.0015	0.0036	0.0072	mg/Kg
75-35-4	1,1-Dichloroethene	0.0036	U	0.0014	0.0036	0.0072	mg/Kg
107-13-1	Acrylonitrile	0.018	U	0.0072	0.018	0.036	mg/Kg
67-64-1	Acetone	0.029	U	0.0068	0.029	0.036	mg/Kg
75-15-0	Carbon Disulfide	0.0058	U	0.0015	0.0058	0.0072	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0036	U	0.0010	0.0036	0.0072	mg/Kg
75-09-2	Methylene Chloride	0.012	U	0.0051	0.012	0.014	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0036	U	0.0012	0.0036	0.0072	mg/Kg
75-34-3	1,1-Dichloroethane	0.0036	U	0.0012	0.0036	0.0072	mg/Kg
78-93-3	2-Butanone	0.029	U	0.0094	0.029	0.036	mg/Kg
56-23-5	Carbon Tetrachloride	0.0036	U	0.0014	0.0036	0.0072	mg/Kg
594-20-7	2,2-Dichloropropane	0.0058	U	0.0018	0.0058	0.0072	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
67-66-3	Chloroform	0.0058	U	0.0012	0.0058	0.0072	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
563-58-6	1,1-Dichloropropene	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
71-43-2	Benzene	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
107-06-2	1,2-Dichloroethane	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
79-01-6	Trichloroethene	0.0036	U	0.0012	0.0036	0.0072	mg/Kg
78-87-5	1,2-Dichloropropane	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
74-95-3	Dibromomethane	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
75-27-4	Bromodichloromethane	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.018	U	0.0051	0.018	0.036	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82	
Sample Wt/Vol:	4.24	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:	Date Analyzed	Prep Batch ID
VY023020.D	1	07/21/25 12:39	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0036	U	0.00093	0.0036	0.0072	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0036	U	0.00089	0.0036	0.0072	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
142-28-9	1,3-Dichloropropane	0.0036	U	0.00098	0.0036	0.0072	mg/Kg
591-78-6	2-Hexanone	0.018	U	0.0053	0.018	0.036	mg/Kg
124-48-1	Dibromochloromethane	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
106-93-4	1,2-Dibromoethane	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
127-18-4	Tetrachloroethene	0.0036	U	0.0015	0.0036	0.0072	mg/Kg
108-90-7	Chlorobenzene	0.0036	U	0.0013	0.0036	0.0072	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
100-41-4	Ethyl Benzene	0.0036	U	0.00096	0.0036	0.0072	mg/Kg
1330-20-7	Total Xylenes	0.011	U	0.0030	0.011	0.022	mg/Kg
179601-23-1	m/p-Xylenes	0.0072	U	0.0018	0.0072	0.014	mg/Kg
95-47-6	o-Xylene	0.0036	U	0.0012	0.0036	0.0072	mg/Kg
100-42-5	Styrene	0.0036	U	0.0010	0.0036	0.0072	mg/Kg
75-25-2	Bromoform	0.0036	U	0.0012	0.0036	0.0072	mg/Kg
98-82-8	Isopropylbenzene	0.0036	U	0.0011	0.0036	0.0072	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0036	U	0.0017	0.0036	0.0072	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0058	U	0.0018	0.0058	0.0072	mg/Kg
108-86-1	Bromobenzene	0.0036	U	0.0017	0.0036	0.0072	mg/Kg
103-65-1	n-propylbenzene	0.0036	U	0.0010	0.0036	0.0072	mg/Kg
95-49-8	2-Chlorotoluene	0.0036	U	0.00098	0.0036	0.0072	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0036	U	0.0012	0.0036	0.0072	mg/Kg
106-43-4	4-Chlorotoluene	0.0036	U	0.0018	0.0036	0.0072	mg/Kg
98-06-6	tert-Butylbenzene	0.0036	U	0.00096	0.0036	0.0072	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0036	U	0.00092	0.0036	0.0072	mg/Kg
135-98-8	sec-Butylbenzene	0.0036	U	0.00095	0.0036	0.0072	mg/Kg
99-87-6	p-Isopropyltoluene	0.0036	U	0.00089	0.0036	0.0072	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0036	U	0.0025	0.0036	0.0072	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0036	U	0.0022	0.0036	0.0072	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82	
Sample Wt/Vol:	4.24	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:	Date Analyzed	Prep Batch ID
VY023020.D	1	07/21/25 12:39	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0036	U	0.0021	0.0036	0.0072	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0036	U	0.0021	0.0036	0.0072	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0058	U	0.0026	0.0058	0.0072	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0058	U	0.0043	0.0058	0.0072	mg/Kg
87-68-3	Hexachlorobutadiene	0.0036	U	0.0027	0.0036	0.0072	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0058	U	0.0046	0.0058	0.0072	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0036	U	0.0015	0.0036	0.0072	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.0		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	48.7		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		79 - 119		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	313000	7.707				
540-36-3	1,4-Difluorobenzene	608000	8.615				
3114-55-4	Chlorobenzene-d5	609000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	266000	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	60.3	
Sample Wt/Vol:	4.53	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:	Date Analyzed	Prep Batch ID
VY023021.D	1	07/21/25 13:03	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0073	U	0.0021	0.0073	0.0092	mg/Kg
74-87-3	Chloromethane	0.0046	U	0.0021	0.0046	0.0092	mg/Kg
75-01-4	Vinyl Chloride	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
74-83-9	Bromomethane	0.0073	U	0.0020	0.0073	0.0092	mg/Kg
75-00-3	Chloroethane	0.0046	U	0.0023	0.0046	0.0092	mg/Kg
109-99-9	Tetrahydrofuran	0.023	U	0.0085	0.023	0.046	mg/Kg
75-69-4	Trichlorofluoromethane	0.0073	U	0.0022	0.0073	0.0092	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0046	U	0.0019	0.0046	0.0092	mg/Kg
75-35-4	1,1-Dichloroethene	0.0046	U	0.0018	0.0046	0.0092	mg/Kg
107-13-1	Acrylonitrile	0.023	U	0.0091	0.023	0.046	mg/Kg
67-64-1	Acetone	0.037	U	0.0087	0.037	0.046	mg/Kg
75-15-0	Carbon Disulfide	0.0073	U	0.0019	0.0073	0.0092	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0046	U	0.0013	0.0046	0.0092	mg/Kg
75-09-2	Methylene Chloride	0.015	U	0.0065	0.015	0.018	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
75-34-3	1,1-Dichloroethane	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
78-93-3	2-Butanone	0.037	U	0.012	0.037	0.046	mg/Kg
56-23-5	Carbon Tetrachloride	0.0046	U	0.0018	0.0046	0.0092	mg/Kg
594-20-7	2,2-Dichloropropane	0.0073	U	0.0023	0.0073	0.0092	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
67-66-3	Chloroform	0.0073	U	0.0015	0.0073	0.0092	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
563-58-6	1,1-Dichloropropene	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
71-43-2	Benzene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
107-06-2	1,2-Dichloroethane	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
79-01-6	Trichloroethene	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
78-87-5	1,2-Dichloropropane	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
74-95-3	Dibromomethane	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
75-27-4	Bromodichloromethane	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.023	U	0.0066	0.023	0.046	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	60.3	
Sample Wt/Vol:	4.53	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:	Date Analyzed	Prep Batch ID
VY023021.D	1	07/21/25 13:03	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0046	U	0.0011	0.0046	0.0092	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
142-28-9	1,3-Dichloropropane	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
591-78-6	2-Hexanone	0.023	U	0.0068	0.023	0.046	mg/Kg
124-48-1	Dibromochloromethane	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
106-93-4	1,2-Dibromoethane	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
127-18-4	Tetrachloroethene	0.0046	U	0.0019	0.0046	0.0092	mg/Kg
108-90-7	Chlorobenzene	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
100-41-4	Ethyl Benzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
1330-20-7	Total Xylenes	0.014	U	0.0038	0.014	0.028	mg/Kg
179601-23-1	m/p-Xylenes	0.0092	U	0.0023	0.0092	0.018	mg/Kg
95-47-6	o-Xylene	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
100-42-5	Styrene	0.0046	U	0.0013	0.0046	0.0092	mg/Kg
75-25-2	Bromoform	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
98-82-8	Isopropylbenzene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0046	U	0.0022	0.0046	0.0092	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0073	U	0.0023	0.0073	0.0092	mg/Kg
108-86-1	Bromobenzene	0.0046	U	0.0022	0.0046	0.0092	mg/Kg
103-65-1	n-propylbenzene	0.0046	U	0.0013	0.0046	0.0092	mg/Kg
95-49-8	2-Chlorotoluene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
106-43-4	4-Chlorotoluene	0.0046	U	0.0022	0.0046	0.0092	mg/Kg
98-06-6	tert-Butylbenzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
135-98-8	sec-Butylbenzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
99-87-6	p-Isopropyltoluene	0.0046	U	0.0011	0.0046	0.0092	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0046	U	0.0031	0.0046	0.0092	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0046	U	0.0029	0.0046	0.0092	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	60.3	
Sample Wt/Vol:	4.53	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:	Date Analyzed	Prep Batch ID
VY023021.D	1	07/21/25 13:03	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0046	U	0.0027	0.0046	0.0092	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0046	U	0.0027	0.0046	0.0092	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0073	U	0.0034	0.0073	0.0092	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0073	U	0.0054	0.0073	0.0092	mg/Kg
87-68-3	Hexachlorobutadiene	0.0046	U	0.0035	0.0046	0.0092	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0073	U	0.0058	0.0073	0.0092	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0046	U	0.0019	0.0046	0.0092	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.8		71 - 136		110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		78 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	48.1		85 - 116		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	306000	7.707				
540-36-3	1,4-Difluorobenzene	567000	8.609				
3114-55-4	Chlorobenzene-d5	540000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	222000	13.34				

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	58	
Sample Wt/Vol:	4.71	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:	Date Analyzed	Prep Batch ID
VY023022.D	1	07/21/25 13:26	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0073	U	0.0021	0.0073	0.0092	mg/Kg
74-87-3	Chloromethane	0.0046	U	0.0021	0.0046	0.0092	mg/Kg
75-01-4	Vinyl Chloride	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
74-83-9	Bromomethane	0.0073	U	0.0020	0.0073	0.0092	mg/Kg
75-00-3	Chloroethane	0.0046	U	0.0023	0.0046	0.0092	mg/Kg
109-99-9	Tetrahydrofuran	0.023	U	0.0085	0.023	0.046	mg/Kg
75-69-4	Trichlorofluoromethane	0.0073	U	0.0022	0.0073	0.0092	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0046	U	0.0019	0.0046	0.0092	mg/Kg
75-35-4	1,1-Dichloroethene	0.0046	U	0.0018	0.0046	0.0092	mg/Kg
107-13-1	Acrylonitrile	0.023	U	0.0091	0.023	0.046	mg/Kg
67-64-1	Acetone	0.037	U	0.0087	0.037	0.046	mg/Kg
75-15-0	Carbon Disulfide	0.0073	U	0.0019	0.0073	0.0092	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0046	U	0.0013	0.0046	0.0092	mg/Kg
75-09-2	Methylene Chloride	0.015	U	0.0065	0.015	0.018	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
75-34-3	1,1-Dichloroethane	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
78-93-3	2-Butanone	0.037	U	0.012	0.037	0.046	mg/Kg
56-23-5	Carbon Tetrachloride	0.0046	U	0.0018	0.0046	0.0092	mg/Kg
594-20-7	2,2-Dichloropropane	0.0073	U	0.0023	0.0073	0.0092	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
67-66-3	Chloroform	0.0073	U	0.0015	0.0073	0.0092	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
563-58-6	1,1-Dichloropropene	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
71-43-2	Benzene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
107-06-2	1,2-Dichloroethane	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
79-01-6	Trichloroethene	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
78-87-5	1,2-Dichloropropane	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
74-95-3	Dibromomethane	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
75-27-4	Bromodichloromethane	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.023	U	0.0066	0.023	0.046	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	58	
Sample Wt/Vol:	4.71	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:	Date Analyzed	Prep Batch ID
VY023022.D	1	07/21/25 13:26	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0046	U	0.0011	0.0046	0.0092	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
142-28-9	1,3-Dichloropropane	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
591-78-6	2-Hexanone	0.023	U	0.0068	0.023	0.046	mg/Kg
124-48-1	Dibromochloromethane	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
106-93-4	1,2-Dibromoethane	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
127-18-4	Tetrachloroethene	0.0046	U	0.0019	0.0046	0.0092	mg/Kg
108-90-7	Chlorobenzene	0.0046	U	0.0017	0.0046	0.0092	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
100-41-4	Ethyl Benzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
1330-20-7	Total Xylenes	0.014	U	0.0038	0.014	0.028	mg/Kg
179601-23-1	m/p-Xylenes	0.0092	U	0.0023	0.0092	0.018	mg/Kg
95-47-6	o-Xylene	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
100-42-5	Styrene	0.0046	U	0.0013	0.0046	0.0092	mg/Kg
75-25-2	Bromoform	0.0046	U	0.0016	0.0046	0.0092	mg/Kg
98-82-8	Isopropylbenzene	0.0046	U	0.0014	0.0046	0.0092	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0046	U	0.0022	0.0046	0.0092	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0073	U	0.0023	0.0073	0.0092	mg/Kg
108-86-1	Bromobenzene	0.0046	U	0.0022	0.0046	0.0092	mg/Kg
103-65-1	n-propylbenzene	0.0046	U	0.0013	0.0046	0.0092	mg/Kg
95-49-8	2-Chlorotoluene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0046	U	0.0015	0.0046	0.0092	mg/Kg
106-43-4	4-Chlorotoluene	0.0046	U	0.0022	0.0046	0.0092	mg/Kg
98-06-6	tert-Butylbenzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
135-98-8	sec-Butylbenzene	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
99-87-6	p-Isopropyltoluene	0.0046	U	0.0011	0.0046	0.0092	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0046	U	0.0031	0.0046	0.0092	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0046	U	0.0029	0.0046	0.0092	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	58	
Sample Wt/Vol:	4.71	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:	Date Analyzed	Prep Batch ID
VY023022.D	1	07/21/25 13:26	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0046	U	0.0027	0.0046	0.0092	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0046	U	0.0027	0.0046	0.0092	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0073	U	0.0034	0.0073	0.0092	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0073	U	0.0054	0.0073	0.0092	mg/Kg
87-68-3	Hexachlorobutadiene	0.0046	U	0.0035	0.0046	0.0092	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0073	U	0.0058	0.0073	0.0092	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0046	U	0.0019	0.0046	0.0092	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.4		71 - 136		125%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	48.3		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	283000	7.707				
540-36-3	1,4-Difluorobenzene	535000	8.616				
3114-55-4	Chlorobenzene-d5	514000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	206000	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	64.9	
Sample Wt/Vol:	5.05	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:	Date Analyzed	Prep Batch ID
VY023023.D	1	07/21/25 13:49	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0061	U	0.0017	0.0061	0.0076	mg/Kg
74-87-3	Chloromethane	0.0038	U	0.0017	0.0038	0.0076	mg/Kg
75-01-4	Vinyl Chloride	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
74-83-9	Bromomethane	0.0061	U	0.0016	0.0061	0.0076	mg/Kg
75-00-3	Chloroethane	0.0038	U	0.0019	0.0038	0.0076	mg/Kg
109-99-9	Tetrahydrofuran	0.019	U	0.0071	0.019	0.038	mg/Kg
75-69-4	Trichlorofluoromethane	0.0061	U	0.0018	0.0061	0.0076	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0038	U	0.0016	0.0038	0.0076	mg/Kg
75-35-4	1,1-Dichloroethene	0.0038	U	0.0015	0.0038	0.0076	mg/Kg
107-13-1	Acrylonitrile	0.019	U	0.0076	0.019	0.038	mg/Kg
67-64-1	Acetone	0.031	U	0.0072	0.031	0.038	mg/Kg
75-15-0	Carbon Disulfide	0.0061	U	0.0016	0.0061	0.0076	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0038	U	0.0011	0.0038	0.0076	mg/Kg
75-09-2	Methylene Chloride	0.012	U	0.0054	0.012	0.015	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0038	U	0.0013	0.0038	0.0076	mg/Kg
75-34-3	1,1-Dichloroethane	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
78-93-3	2-Butanone	0.031	U	0.010	0.031	0.038	mg/Kg
56-23-5	Carbon Tetrachloride	0.0038	U	0.0015	0.0038	0.0076	mg/Kg
594-20-7	2,2-Dichloropropane	0.0061	U	0.0020	0.0061	0.0076	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0038	U	0.0011	0.0038	0.0076	mg/Kg
67-66-3	Chloroform	0.0061	U	0.0013	0.0061	0.0076	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0038	U	0.0014	0.0038	0.0076	mg/Kg
563-58-6	1,1-Dichloropropene	0.0038	U	0.0013	0.0038	0.0076	mg/Kg
71-43-2	Benzene	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
107-06-2	1,2-Dichloroethane	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
79-01-6	Trichloroethene	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
78-87-5	1,2-Dichloropropane	0.0038	U	0.0014	0.0038	0.0076	mg/Kg
74-95-3	Dibromomethane	0.0038	U	0.0014	0.0038	0.0076	mg/Kg
75-27-4	Bromodichloromethane	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.019	U	0.0055	0.019	0.038	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	64.9	
Sample Wt/Vol:	5.05	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:	Date Analyzed	Prep Batch ID
VY023023.D	1	07/21/25 13:49	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0038	U	0.00099	0.0038	0.0076	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0038	U	0.00095	0.0038	0.0076	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0038	U	0.0014	0.0038	0.0076	mg/Kg
142-28-9	1,3-Dichloropropane	0.0038	U	0.0010	0.0038	0.0076	mg/Kg
591-78-6	2-Hexanone	0.019	U	0.0056	0.019	0.038	mg/Kg
124-48-1	Dibromochloromethane	0.0038	U	0.0013	0.0038	0.0076	mg/Kg
106-93-4	1,2-Dibromoethane	0.0038	U	0.0013	0.0038	0.0076	mg/Kg
127-18-4	Tetrachloroethene	0.0038	U	0.0016	0.0038	0.0076	mg/Kg
108-90-7	Chlorobenzene	0.0038	U	0.0014	0.0038	0.0076	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
100-41-4	Ethyl Benzene	0.0038	U	0.0010	0.0038	0.0076	mg/Kg
1330-20-7	Total Xylenes	0.011	U	0.0032	0.011	0.023	mg/Kg
179601-23-1	m/p-Xylenes	0.0076	U	0.0019	0.0076	0.015	mg/Kg
95-47-6	o-Xylene	0.0038	U	0.0013	0.0038	0.0076	mg/Kg
100-42-5	Styrene	0.0038	U	0.0011	0.0038	0.0076	mg/Kg
75-25-2	Bromoform	0.0038	U	0.0013	0.0038	0.0076	mg/Kg
98-82-8	Isopropylbenzene	0.0038	U	0.0012	0.0038	0.0076	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0038	U	0.0018	0.0038	0.0076	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0061	U	0.0019	0.0061	0.0076	mg/Kg
108-86-1	Bromobenzene	0.0038	U	0.0018	0.0038	0.0076	mg/Kg
103-65-1	n-propylbenzene	0.0038	U	0.0011	0.0038	0.0076	mg/Kg
95-49-8	2-Chlorotoluene	0.0038	U	0.0010	0.0038	0.0076	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0038	U	0.0013	0.0038	0.0076	mg/Kg
106-43-4	4-Chlorotoluene	0.0038	U	0.0019	0.0038	0.0076	mg/Kg
98-06-6	tert-Butylbenzene	0.0038	U	0.0010	0.0038	0.0076	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0038	U	0.00098	0.0038	0.0076	mg/Kg
135-98-8	sec-Butylbenzene	0.0038	U	0.0010	0.0038	0.0076	mg/Kg
99-87-6	p-Isopropyltoluene	0.0038	U	0.00095	0.0038	0.0076	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0038	U	0.0026	0.0038	0.0076	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0038	U	0.0024	0.0038	0.0076	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	64.9	
Sample Wt/Vol:	5.05	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:	Date Analyzed	Prep Batch ID
VY023023.D	1	07/21/25 13:49	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0038	U	0.0022	0.0038	0.0076	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0038	U	0.0022	0.0038	0.0076	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0061	U	0.0028	0.0061	0.0076	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0061	U	0.0045	0.0061	0.0076	mg/Kg
87-68-3	Hexachlorobutadiene	0.0038	U	0.0029	0.0038	0.0076	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0061	U	0.0049	0.0061	0.0076	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0038	U	0.0016	0.0038	0.0076	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.4		71 - 136		115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	48.4		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		79 - 119		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	279000	7.707				
540-36-3	1,4-Difluorobenzene	524000	8.616				
3114-55-4	Chlorobenzene-d5	503000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	198000	13.34				

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:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2639-03	OU4-TS-39-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2639-05	OU4-TS-40-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2639-07	OU4-TS-41-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/21/25	07/18/25
Q2639-09	OU4-TS-42-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/21/25	07/18/25
Q2639-11	OU4-TS-43-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/21/25	07/18/25
Q2639-13	OU4-TS-44-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/21/25	07/18/25

Hit Summary Sheet SW-846

SDG No.: Q2639
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-38-071725									
Q2639-01	OU4-TS-38-071725	SOIL	Fluoranthene	0.200	J	0.037	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Pyrene	0.250		0.045	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(a)anthracene	0.180	J	0.029	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Chrysene	0.210		0.025	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(b)fluoranthene	0.240		0.024	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(a)pyrene	0.200	J	0.037	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.110	J	0.036	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(g,h,i)perylene	0.140	J	0.032	0.16	0.21	mg/Kg
Total Svoc :				1.53					
Total Concentration:				1.53					
Client ID : OU4-TS-38-071725RE									
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Acenaphthylene	0.083	J	0.036	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Fluoranthene	0.210		0.037	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Pyrene	0.250		0.045	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(a)anthracene	0.170	J	0.029	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Chrysene	0.220		0.025	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(b)fluoranthene	0.230		0.024	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(k)fluoranthene	0.089	J	0.028	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(a)pyrene	0.210		0.037	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Indeno(1,2,3-cd)pyrene	0.120	J	0.036	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(g,h,i)perylene	0.150	J	0.032	0.16	0.21	mg/Kg
Total Svoc :				1.73					
Total Concentration:				1.73					
Client ID : OU4-TS-39-071725									
Q2639-03	OU4-TS-39-071725	SOIL	Acenaphthylene	0.097	J	0.036	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Fluoranthene	0.230		0.037	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Pyrene	0.300		0.044	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(a)anthracene	0.210		0.028	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Chrysene	0.250		0.025	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(b)fluoranthene	0.280		0.023	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(k)fluoranthene	0.088	J	0.028	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(a)pyrene	0.250		0.036	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.140	J	0.036	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(g,h,i)perylene	0.170	J	0.032	0.16	0.21	mg/Kg
Total Svoc :				2.02					
Total Concentration:				2.02					

Hit Summary Sheet SW-846

SDG No.: Q2639
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-40-071725									
Q2639-05	OU4-TS-40-071725	SOIL	Acenaphthylene	0.120	J	0.036	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Phenanthrene	0.130	J	0.026	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Anthracene	0.088	J	0.041	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Fluoranthene	0.330		0.037	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Pyrene	0.450		0.045	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(a)anthracene	0.300		0.029	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Chrysene	0.350		0.025	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(b)fluoranthene	0.350		0.024	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(k)fluoranthene	0.120	J	0.028	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(a)pyrene	0.320		0.037	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.170	J	0.036	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(g,h,i)perylene	0.210		0.032	0.16	0.21	mg/Kg
Total Svoc :						2.94			
Total Concentration:						2.94			
Client ID : OU4-TS-41-071725									
Q2639-07	OU4-TS-41-071725	SOIL	Acenaphthylene	0.120	J	0.035	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Phenanthrene	0.120	J	0.026	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Fluoranthene	0.310		0.037	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Pyrene	0.410		0.044	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(a)anthracene	0.270		0.028	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Chrysene	0.320		0.024	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(b)fluoranthene	0.340		0.023	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(k)fluoranthene	0.130	J	0.027	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(a)pyrene	0.320		0.036	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.170	J	0.036	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(g,h,i)perylene	0.220		0.031	0.16	0.21	mg/Kg
Total Svoc :						2.73			
Total Concentration:						2.73			
Client ID : OU4-TS-42-071725									
Q2639-09	OU4-TS-42-071725	SOIL	Benzo(b)fluoranthene	0.120	J	0.031	0.22	0.28	mg/Kg
Total Svoc :						0.12			
Total Concentration:						0.12			
Client ID : OU4-TS-43-071725									
Q2639-11	OU4-TS-43-071725	SOIL	Benzo(b)fluoranthene	0.130	J	0.033	0.22	0.29	mg/Kg
Total Svoc :						0.13			
Total Concentration:						0.13			



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025222.D	1	07/21/25 09:30	07/23/25 13:28	PB168929

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

91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.16	U	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.16	U	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.20	J	0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.25		0.045	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.18	J	0.029	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.21		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.24		0.024	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.16	U	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.20	J	0.037	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.11	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	J	0.032	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	37.9		37 - 122	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.0	*	44 - 115	37%	SPK: 100
1718-51-0	Terphenyl-d14	38.5	*	54 - 127	38%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	508000	7.437
1146-65-2	Naphthalene-d8	2120000	10.178
15067-26-2	Acenaphthene-d10	1480000	14.078
1517-22-2	Phenanthrene-d10	3010000	16.895
1719-03-5	Chrysene-d12	3040000	21.342
1520-96-3	Perylene-d12	3600000	24.477

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025222.D	1	07/21/25 09:30	07/23/25 13:28	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725RE	SDG No.:	Q2639
Lab Sample ID:	Q2639-01RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025231.D	1	07/21/25 09:30	07/23/25 20:20	PB168929

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

91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.083	J	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.16	U	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.21		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.25		0.045	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.17	J	0.029	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.22		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.23		0.024	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.089	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.21		0.037	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.12	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.15	J	0.032	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	38.2		37 - 122	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.2	*	44 - 115	37%	SPK: 100
1718-51-0	Terphenyl-d14	37.4	*	54 - 127	37%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	494000	7.431
1146-65-2	Naphthalene-d8	1940000	10.172
15067-26-2	Acenaphthene-d10	1260000	14.084
1517-22-2	Phenanthrene-d10	2580000	16.889
1719-03-5	Chrysene-d12	2790000	21.33
1520-96-3	Perylene-d12	3380000	24.471

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725RE	SDG No.:	Q2639
Lab Sample ID:	Q2639-01RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025231.D	1	07/21/25 09:30	07/23/25 20:20	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
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
BP025209.D	1	07/21/25 09:30	07/22/25 11:10	PB168929

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

91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.097	J	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.16	U	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.23		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.30		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.21		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.25		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.28		0.023	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.088	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.25		0.036	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.17	J	0.032	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	43.5		37 - 122	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.9		44 - 115	45%	SPK: 100
1718-51-0	Terphenyl-d14	44.2	*	54 - 127	44%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	920000	7.431
1146-65-2	Naphthalene-d8	3530000	10.172
15067-26-2	Acenaphthene-d10	2110000	14.066
1517-22-2	Phenanthrene-d10	3960000	16.889
1719-03-5	Chrysene-d12	3830000	21.318
1520-96-3	Perylene-d12	4470000	24.442

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
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
BP025209.D	1	07/21/25 09:30	07/22/25 11:10	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
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
BP025210.D	1	07/21/25 09:30	07/22/25 11:51	PB168929

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

91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.12	J	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.13	J	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.088	J	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.33		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.45		0.045	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.30		0.029	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.35		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.35		0.024	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.12	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.32		0.037	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.17	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.21		0.032	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	50.2		37 - 122		50%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.2		44 - 115		52%	SPK: 100
1718-51-0	Terphenyl-d14	51.8	*	54 - 127		52%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	870000	7.437
1146-65-2	Naphthalene-d8	3340000	10.172
15067-26-2	Acenaphthene-d10	1980000	14.078
1517-22-2	Phenanthrene-d10	3640000	16.889
1719-03-5	Chrysene-d12	3560000	21.324
1520-96-3	Perylene-d12	4140000	24.46

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
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
BP025210.D	1	07/21/25 09:30	07/22/25 11:51	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
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
BP025211.D	1	07/21/25 09:30	07/22/25 12:32	PB168929

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

91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.031	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.12	J	0.035	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.12	J	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.31		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.41		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.27		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.32		0.024	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.34		0.023	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	J	0.027	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.32		0.036	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.17	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.033	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.22		0.031	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	53.9		37 - 122	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.5		44 - 115	54%	SPK: 100
1718-51-0	Terphenyl-d14	55.1		54 - 127	55%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	882000	7.431
1146-65-2	Naphthalene-d8	3360000	10.178
15067-26-2	Acenaphthene-d10	2010000	14.078
1517-22-2	Phenanthrene-d10	3660000	16.907
1719-03-5	Chrysene-d12	3520000	21.336
1520-96-3	Perylene-d12	4080000	24.454

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
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
BP025211.D	1	07/21/25 09:30	07/22/25 12:32	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	60.3
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
BP025212.D	1	07/21/25 09:30	07/22/25 13:14	PB168929

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

91-20-3	Naphthalene	0.22	U	0.038	0.22	0.28	mg/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.042	0.22	0.28	mg/Kg
208-96-8	Acenaphthylene	0.22	U	0.048	0.22	0.28	mg/Kg
83-32-9	Acenaphthene	0.22	U	0.035	0.22	0.28	mg/Kg
86-73-7	Fluorene	0.22	U	0.042	0.22	0.28	mg/Kg
85-01-8	Phenanthrene	0.22	U	0.035	0.22	0.28	mg/Kg
120-12-7	Anthracene	0.22	U	0.055	0.22	0.28	mg/Kg
206-44-0	Fluoranthene	0.22	U	0.050	0.22	0.28	mg/Kg
129-00-0	Pyrene	0.22	U	0.060	0.22	0.28	mg/Kg
56-55-3	Benzo(a)anthracene	0.22	U	0.038	0.22	0.28	mg/Kg
218-01-9	Chrysene	0.22	U	0.033	0.22	0.28	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.12	J	0.031	0.22	0.28	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.22	U	0.037	0.22	0.28	mg/Kg
50-32-8	Benzo(a)pyrene	0.22	U	0.049	0.22	0.28	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.22	U	0.048	0.22	0.28	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.22	U	0.045	0.22	0.28	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.22	U	0.043	0.22	0.28	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	51.4		37 - 122	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.3		44 - 115	49%	SPK: 100
1718-51-0	Terphenyl-d14	47.9	*	54 - 127	48%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	905000	7.437
1146-65-2	Naphthalene-d8	3460000	10.172
15067-26-2	Acenaphthene-d10	2060000	14.072
1517-22-2	Phenanthrene-d10	3780000	16.895
1719-03-5	Chrysene-d12	3550000	21.336
1520-96-3	Perylene-d12	4180000	24.471

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	60.3
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
BP025212.D	1	07/21/25 09:30	07/22/25 13:14	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	58
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
BP025213.D	1	07/21/25 09:30	07/22/25 13:55	PB168929

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

91-20-3	Naphthalene	0.22	U	0.039	0.22	0.29	mg/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.044	0.22	0.29	mg/Kg
208-96-8	Acenaphthylene	0.22	U	0.050	0.22	0.29	mg/Kg
83-32-9	Acenaphthene	0.22	U	0.037	0.22	0.29	mg/Kg
86-73-7	Fluorene	0.22	U	0.044	0.22	0.29	mg/Kg
85-01-8	Phenanthrene	0.22	U	0.036	0.22	0.29	mg/Kg
120-12-7	Anthracene	0.22	U	0.057	0.22	0.29	mg/Kg
206-44-0	Fluoranthene	0.22	U	0.052	0.22	0.29	mg/Kg
129-00-0	Pyrene	0.22	U	0.062	0.22	0.29	mg/Kg
56-55-3	Benzo(a)anthracene	0.22	U	0.040	0.22	0.29	mg/Kg
218-01-9	Chrysene	0.22	U	0.034	0.22	0.29	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	J	0.033	0.22	0.29	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.22	U	0.039	0.22	0.29	mg/Kg
50-32-8	Benzo(a)pyrene	0.22	U	0.051	0.22	0.29	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.22	U	0.050	0.22	0.29	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.22	U	0.047	0.22	0.29	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.22	U	0.044	0.22	0.29	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	57.6		37 - 122	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.2		44 - 115	55%	SPK: 100
1718-51-0	Terphenyl-d14	52.8	*	54 - 127	53%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	879000	7.431
1146-65-2	Naphthalene-d8	3360000	10.178
15067-26-2	Acenaphthene-d10	2000000	14.072
1517-22-2	Phenanthrene-d10	3660000	16.884
1719-03-5	Chrysene-d12	3470000	21.325
1520-96-3	Perylene-d12	4000000	24.466

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	58
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
BP025213.D	1	07/21/25 09:30	07/22/25 13:55	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.9
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
BP025223.D	1	07/21/25 09:30	07/23/25 14:09	PB168929

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

91-20-3	Naphthalene	0.20	U	0.035	0.20	0.26	mg/Kg
91-57-6	2-Methylnaphthalene	0.20	U	0.039	0.20	0.26	mg/Kg
208-96-8	Acenaphthylene	0.20	U	0.045	0.20	0.26	mg/Kg
83-32-9	Acenaphthene	0.20	U	0.033	0.20	0.26	mg/Kg
86-73-7	Fluorene	0.20	U	0.039	0.20	0.26	mg/Kg
85-01-8	Phenanthrene	0.20	U	0.032	0.20	0.26	mg/Kg
120-12-7	Anthracene	0.20	U	0.051	0.20	0.26	mg/Kg
206-44-0	Fluoranthene	0.20	U	0.046	0.20	0.26	mg/Kg
129-00-0	Pyrene	0.20	U	0.055	0.20	0.26	mg/Kg
56-55-3	Benzo(a)anthracene	0.20	U	0.035	0.20	0.26	mg/Kg
218-01-9	Chrysene	0.20	U	0.031	0.20	0.26	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.20	U	0.029	0.20	0.26	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.20	U	0.035	0.20	0.26	mg/Kg
50-32-8	Benzo(a)pyrene	0.20	U	0.045	0.20	0.26	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.20	U	0.045	0.20	0.26	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.20	U	0.042	0.20	0.26	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.20	U	0.040	0.20	0.26	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	49.4		37 - 122	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.0		44 - 115	49%	SPK: 100
1718-51-0	Terphenyl-d14	38.7	*	54 - 127	39%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	635000	7.437
1146-65-2	Naphthalene-d8	2350000	10.178
15067-26-2	Acenaphthene-d10	1280000	14.083
1517-22-2	Phenanthrene-d10	2540000	16.895
1719-03-5	Chrysene-d12	3030000	21.324
1520-96-3	Perylene-d12	3690000	24.465

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.9
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
BP025223.D	1	07/21/25 09:30	07/23/25 14:09	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25
Q2639-01RE	OU4-TS-38-071725RE	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25
Q2639-03	OU4-TS-39-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-05	OU4-TS-40-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-07	OU4-TS-41-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-09	OU4-TS-42-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-11	OU4-TS-43-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-13	OU4-TS-44-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25

Hit Summary Sheet SW-846

SDG No.:

Order ID: Q2639

Client:

Project ID:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-38-071725									
Q2639-01	OU4-TS-38-071725	SOIL	Dieldrin	0.0015	JP	0.00017	0.00041	0.0021	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	4,4-DDE	0.00057	J	0.00017	0.00041	0.0021	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Endrin	0.0041	P	0.00017	0.00041	0.0021	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	4,4-DDD	0.0031	P	0.00019	0.00041	0.0021	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	4,4-DDT	0.0061		0.00017	0.00041	0.0021	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	alpha-Chlordane	0.00083	J	0.00015	0.00041	0.0021	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	gamma-Chlordane	0.00060	JP	0.00019	0.00041	0.0021	mg/Kg
Total Concentration:						0.01680			
Client ID : OU4-TS-39-071725									
Q2639-03	OU4-TS-39-071725	SOIL	4,4-DDE	0.00055	J	0.00017	0.00041	0.0021	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Endrin	0.0010	J	0.00017	0.00041	0.0021	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	4,4-DDD	0.0030	P	0.00018	0.00041	0.0021	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	4,4-DDT	0.0017	J	0.00017	0.00041	0.0021	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	alpha-Chlordane	0.00087	J	0.00015	0.00041	0.0021	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	gamma-Chlordane	0.00057	J	0.00018	0.00041	0.0021	mg/Kg
Total Concentration:						0.00769			
Client ID : OU4-TS-40-071725									
Q2639-05	OU4-TS-40-071725	SOIL	4,4-DDE	0.00044	J	0.00017	0.00041	0.0021	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Endrin	0.00087	J	0.00017	0.00041	0.0021	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	4,4-DDD	0.0026	P	0.00019	0.00041	0.0021	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	4,4-DDT	0.0017	J	0.00017	0.00041	0.0021	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	alpha-Chlordane	0.00075	J	0.00015	0.00041	0.0021	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	gamma-Chlordane	0.00038	J	0.00019	0.00041	0.0021	mg/Kg
Total Concentration:						0.00674			
Client ID : OU4-TS-41-071725									
Q2639-07	OU4-TS-41-071725	SOIL	4,4-DDE	0.00043	J	0.00017	0.00040	0.0021	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Endrin	0.00077	J	0.00017	0.00040	0.0021	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	4,4-DDD	0.0024	P	0.00018	0.00040	0.0021	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	4,4-DDT	0.0014	J	0.00017	0.00040	0.0021	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	alpha-Chlordane	0.00067	J	0.00015	0.00040	0.0021	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	gamma-Chlordane	0.00056	J	0.00018	0.00040	0.0021	mg/Kg
Total Concentration:						0.00623			
Client ID : OU4-TS-42-071725									
Q2639-09	OU4-TS-42-071725	SOIL	Dieldrin	0.00062	JP	0.00023	0.00055	0.0028	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	4,4-DDE	0.00099	J	0.00023	0.00055	0.0028	mg/Kg

Hit Summary Sheet SW-846

SDG No.:

Order ID: Q2639

Client:

Project ID:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-09	OU4-TS-42-071725	SOIL	Endrin	0.00054	JP	0.00023	0.00055	0.0028	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	alpha-Chlordane	0.0012	J	0.00020	0.00055	0.0028	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	gamma-Chlordane	0.00090	J	0.00025	0.00055	0.0028	mg/Kg
Total Concentration:				0.00425					
Client ID : OU4-TS-42-071725RE									
Q2639-09RE	OU4-TS-42-071725RI	SOIL	Dieldrin	0.00079	JP	0.00023	0.00055	0.0028	mg/Kg
Q2639-09RE	OU4-TS-42-071725RI	SOIL	4,4-DDE	0.0011	J	0.00023	0.00055	0.0028	mg/Kg
Q2639-09RE	OU4-TS-42-071725RI	SOIL	Endrin	0.00082	J	0.00023	0.00055	0.0028	mg/Kg
Q2639-09RE	OU4-TS-42-071725RI	SOIL	alpha-Chlordane	0.0015	J	0.00020	0.00055	0.0028	mg/Kg
Q2639-09RE	OU4-TS-42-071725RI	SOIL	gamma-Chlordane	0.0016	JP	0.00025	0.00055	0.0028	mg/Kg
Total Concentration:				0.00581					
Client ID : OU4-TS-43-071725									
Q2639-11	OU4-TS-43-071725	SOIL	Dieldrin	0.00071	JP	0.00024	0.00057	0.0029	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	4,4-DDE	0.0011	J	0.00024	0.00057	0.0029	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Endrin	0.00068	J	0.00024	0.00057	0.0029	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	alpha-Chlordane	0.0015	J	0.00021	0.00057	0.0029	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	gamma-Chlordane	0.0015	JP	0.00026	0.00057	0.0029	mg/Kg
Total Concentration:				0.00549					
Client ID : OU4-TS-43-071725RE									
Q2639-11RE	OU4-TS-43-071725RI	SOIL	Dieldrin	0.00083	JP	0.00024	0.00057	0.0029	mg/Kg
Q2639-11RE	OU4-TS-43-071725RI	SOIL	4,4-DDE	0.0010	J	0.00024	0.00057	0.0029	mg/Kg
Q2639-11RE	OU4-TS-43-071725RI	SOIL	Endrin	0.0029	P	0.00024	0.00057	0.0029	mg/Kg
Q2639-11RE	OU4-TS-43-071725RI	SOIL	alpha-Chlordane	0.0017	J	0.00021	0.00057	0.0029	mg/Kg
Q2639-11RE	OU4-TS-43-071725RI	SOIL	gamma-Chlordane	0.0017	JP	0.00026	0.00057	0.0029	mg/Kg
Total Concentration:				0.00813					
Client ID : OU4-TS-44-071725									
Q2639-13	OU4-TS-44-071725	SOIL	4,4-DDE	0.00052	J	0.00022	0.00051	0.0026	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	alpha-Chlordane	0.00085	J	0.00018	0.00051	0.0026	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	gamma-Chlordane	0.00044	JP	0.00023	0.00051	0.0026	mg/Kg
Total Concentration:				0.00181					
Client ID : OU4-TS-44-071725RE									
Q2639-13RE	OU4-TS-44-071725RI	SOIL	4,4-DDE	0.00055	J	0.00022	0.00051	0.0026	mg/Kg
Q2639-13RE	OU4-TS-44-071725RI	SOIL	alpha-Chlordane	0.00094	J	0.00018	0.00051	0.0026	mg/Kg
Q2639-13RE	OU4-TS-44-071725RI	SOIL	gamma-Chlordane	0.00059	JP	0.00023	0.00051	0.0026	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:

Order ID: Q2639

Client:

Project ID:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Total Concentration:					0.00208				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	80.6	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
PD089612.D	1	07/21/25 08:30	07/23/25 18:57	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
319-85-7	beta-BHC	0.0010	U	0.00022	0.0010	0.0021	mg/Kg
319-86-8	delta-BHC	0.0010	U	0.00048	0.0010	0.0021	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
76-44-8	Heptachlor	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
309-00-2	Aldrin	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
1024-57-3	Heptachlor epoxide	0.0010	U	0.00024	0.0010	0.0021	mg/Kg
959-98-8	Endosulfan I	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
60-57-1	Dieldrin	0.0015	JP	0.00017	0.00041	0.0021	mg/Kg
72-55-9	4,4-DDE	0.00057	J	0.00017	0.00041	0.0021	mg/Kg
72-20-8	Endrin	0.0041	P	0.00017	0.00041	0.0021	mg/Kg
33213-65-9	Endosulfan II	0.0010	U	0.00036	0.0010	0.0021	mg/Kg
72-54-8	4,4-DDD	0.0031	P	0.00019	0.00041	0.0021	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
50-29-3	4,4-DDT	0.0061		0.00017	0.00041	0.0021	mg/Kg
72-43-5	Methoxychlor	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
53494-70-5	Endrin ketone	0.0010	U	0.00024	0.0010	0.0021	mg/Kg
7421-93-4	Endrin aldehyde	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
5103-71-9	alpha-Chlordane	0.00083	J	0.00015	0.00041	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00060	JP	0.00019	0.00041	0.0021	mg/Kg
8001-35-2	Toxaphene	0.021	U	0.0067	0.021	0.041	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	12.7		55 - 130		64%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.7		42 - 129		73%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	80.6	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
PD089612.D	1	07/21/25 08:30	07/23/25 18:57	PB168928

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-39-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	81	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089613.D	1	07/21/25 08:30	07/23/25 19:10	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
319-85-7	beta-BHC	0.0010	U	0.00022	0.0010	0.0021	mg/Kg
319-86-8	delta-BHC	0.0010	U	0.00048	0.0010	0.0021	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
76-44-8	Heptachlor	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
309-00-2	Aldrin	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
1024-57-3	Heptachlor epoxide	0.0010	U	0.00023	0.0010	0.0021	mg/Kg
959-98-8	Endosulfan I	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
60-57-1	Dieldrin	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
72-55-9	4,4-DDE	0.00055	J	0.00017	0.00041	0.0021	mg/Kg
72-20-8	Endrin	0.0010	J	0.00017	0.00041	0.0021	mg/Kg
33213-65-9	Endosulfan II	0.0010	U	0.00036	0.0010	0.0021	mg/Kg
72-54-8	4,4-DDD	0.0030	P	0.00018	0.00041	0.0021	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
50-29-3	4,4-DDT	0.0017	J	0.00017	0.00041	0.0021	mg/Kg
72-43-5	Methoxychlor	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
53494-70-5	Endrin ketone	0.0010	U	0.00023	0.0010	0.0021	mg/Kg
7421-93-4	Endrin aldehyde	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
5103-71-9	alpha-Chlordane	0.00087	J	0.00015	0.00041	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00057	J	0.00018	0.00041	0.0021	mg/Kg
8001-35-2	Toxaphene	0.021	U	0.0067	0.021	0.041	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.2		55 - 130		71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.1		42 - 129		80%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-39-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	81	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089613.D	1	07/21/25 08:30	07/23/25 19:10	PB168928

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

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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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	80.7	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
PD089614.D	1	07/21/25 08:30	07/23/25 19:24	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
319-85-7	beta-BHC	0.0010	U	0.00022	0.0010	0.0021	mg/Kg
319-86-8	delta-BHC	0.0010	U	0.00048	0.0010	0.0021	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
76-44-8	Heptachlor	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
309-00-2	Aldrin	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
1024-57-3	Heptachlor epoxide	0.0010	U	0.00024	0.0010	0.0021	mg/Kg
959-98-8	Endosulfan I	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
60-57-1	Dieldrin	0.00041	U	0.00017	0.00041	0.0021	mg/Kg
72-55-9	4,4-DDE	0.00044	J	0.00017	0.00041	0.0021	mg/Kg
72-20-8	Endrin	0.00087	J	0.00017	0.00041	0.0021	mg/Kg
33213-65-9	Endosulfan II	0.0010	U	0.00036	0.0010	0.0021	mg/Kg
72-54-8	4,4-DDD	0.0026	P	0.00019	0.00041	0.0021	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
50-29-3	4,4-DDT	0.0017	J	0.00017	0.00041	0.0021	mg/Kg
72-43-5	Methoxychlor	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
53494-70-5	Endrin ketone	0.0010	U	0.00024	0.0010	0.0021	mg/Kg
7421-93-4	Endrin aldehyde	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
5103-71-9	alpha-Chlordane	0.00075	J	0.00015	0.00041	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00038	J	0.00019	0.00041	0.0021	mg/Kg
8001-35-2	Toxaphene	0.021	U	0.0067	0.021	0.041	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	12.9		55 - 130		64%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.9		42 - 129		80%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	80.7	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
PD089614.D	1	07/21/25 08:30	07/23/25 19:24	PB168928

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	82	Decanted:
Sample Wt/Vol:	30.09	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
PD089615.D	1	07/21/25 08:30	07/23/25 19:38	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00040	U	0.00016	0.00040	0.0021	mg/Kg
319-85-7	beta-BHC	0.0010	U	0.00022	0.0010	0.0021	mg/Kg
319-86-8	delta-BHC	0.0010	U	0.00047	0.0010	0.0021	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00040	U	0.00017	0.00040	0.0021	mg/Kg
76-44-8	Heptachlor	0.00040	U	0.00015	0.00040	0.0021	mg/Kg
309-00-2	Aldrin	0.00040	U	0.00015	0.00040	0.0021	mg/Kg
1024-57-3	Heptachlor epoxide	0.0010	U	0.00023	0.0010	0.0021	mg/Kg
959-98-8	Endosulfan I	0.00040	U	0.00017	0.00040	0.0021	mg/Kg
60-57-1	Dieldrin	0.00040	U	0.00017	0.00040	0.0021	mg/Kg
72-55-9	4,4-DDE	0.00043	J	0.00017	0.00040	0.0021	mg/Kg
72-20-8	Endrin	0.00077	J	0.00017	0.00040	0.0021	mg/Kg
33213-65-9	Endosulfan II	0.0010	U	0.00035	0.0010	0.0021	mg/Kg
72-54-8	4,4-DDD	0.0024	P	0.00018	0.00040	0.0021	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00040	U	0.00016	0.00040	0.0021	mg/Kg
50-29-3	4,4-DDT	0.0014	J	0.00017	0.00040	0.0021	mg/Kg
72-43-5	Methoxychlor	0.0010	U	0.00045	0.0010	0.0021	mg/Kg
53494-70-5	Endrin ketone	0.0010	U	0.00023	0.0010	0.0021	mg/Kg
7421-93-4	Endrin aldehyde	0.0010	U	0.00045	0.0010	0.0021	mg/Kg
5103-71-9	alpha-Chlordane	0.00067	J	0.00015	0.00040	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00056	J	0.00018	0.00040	0.0021	mg/Kg
8001-35-2	Toxaphene	0.021	U	0.0066	0.021	0.040	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	11.5		55 - 130		58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.2		42 - 129		71%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	82	Decanted:
Sample Wt/Vol:	30.09	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
PD089615.D	1	07/21/25 08:30	07/23/25 19:38	PB168928

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

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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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.3	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
PD089616.D	1	07/21/25 08:30	07/23/25 19:51	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00030	0.0014	0.0028	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00065	0.0014	0.0028	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
76-44-8	Heptachlor	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
309-00-2	Aldrin	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00031	0.0014	0.0028	mg/Kg
959-98-8	Endosulfan I	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
60-57-1	Dieldrin	0.00062	JP	0.00023	0.00055	0.0028	mg/Kg
72-55-9	4,4-DDE	0.00099	J	0.00023	0.00055	0.0028	mg/Kg
72-20-8	Endrin	0.00054	JP	0.00023	0.00055	0.0028	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00048	0.0014	0.0028	mg/Kg
72-54-8	4,4-DDD	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
50-29-3	4,4-DDT	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00031	0.0014	0.0028	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
5103-71-9	alpha-Chlordane	0.0012	J	0.00020	0.00055	0.0028	mg/Kg
5103-74-2	gamma-Chlordane	0.00090	J	0.00025	0.00055	0.0028	mg/Kg
8001-35-2	Toxaphene	0.028	U	0.0090	0.028	0.055	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	6.43	*	55 - 130		32%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.8		42 - 129		64%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.3	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
PD089616.D	1	07/21/25 08:30	07/23/25 19:51	PB168928

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

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Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.3	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
PD089629.D	1	07/21/25 08:30	07/24/25 17:44	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00030	0.0014	0.0028	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00065	0.0014	0.0028	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
76-44-8	Heptachlor	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
309-00-2	Aldrin	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00031	0.0014	0.0028	mg/Kg
959-98-8	Endosulfan I	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
60-57-1	Dieldrin	0.00079	JP	0.00023	0.00055	0.0028	mg/Kg
72-55-9	4,4-DDE	0.0011	J	0.00023	0.00055	0.0028	mg/Kg
72-20-8	Endrin	0.00082	J	0.00023	0.00055	0.0028	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00048	0.0014	0.0028	mg/Kg
72-54-8	4,4-DDD	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
50-29-3	4,4-DDT	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00031	0.0014	0.0028	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
5103-71-9	alpha-Chlordane	0.0015	J	0.00020	0.00055	0.0028	mg/Kg
5103-74-2	gamma-Chlordane	0.0016	JP	0.00025	0.00055	0.0028	mg/Kg
8001-35-2	Toxaphene	0.028	U	0.0090	0.028	0.055	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.74	*	55 - 130		39%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.1		42 - 129		66%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.3	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
PD089629.D	1	07/21/25 08:30	07/24/25 17:44	PB168928

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	58	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
PD089617.D	1	07/21/25 08:30	07/23/25 20:05	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00057	U	0.00022	0.00057	0.0029	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00031	0.0014	0.0029	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00067	0.0014	0.0029	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00057	U	0.00024	0.00057	0.0029	mg/Kg
76-44-8	Heptachlor	0.00057	U	0.00021	0.00057	0.0029	mg/Kg
309-00-2	Aldrin	0.00057	U	0.00021	0.00057	0.0029	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00033	0.0014	0.0029	mg/Kg
959-98-8	Endosulfan I	0.00057	U	0.00024	0.00057	0.0029	mg/Kg
60-57-1	Dieldrin	0.00071	JP	0.00024	0.00057	0.0029	mg/Kg
72-55-9	4,4-DDE	0.0011	J	0.00024	0.00057	0.0029	mg/Kg
72-20-8	Endrin	0.00068	J	0.00024	0.00057	0.0029	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00050	0.0014	0.0029	mg/Kg
72-54-8	4,4-DDD	0.00057	U	0.00026	0.00057	0.0029	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00057	U	0.00022	0.00057	0.0029	mg/Kg
50-29-3	4,4-DDT	0.00057	U	0.00024	0.00057	0.0029	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00064	0.0014	0.0029	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00033	0.0014	0.0029	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00064	0.0014	0.0029	mg/Kg
5103-71-9	alpha-Chlordane	0.0015	J	0.00021	0.00057	0.0029	mg/Kg
5103-74-2	gamma-Chlordane	0.0015	JP	0.00026	0.00057	0.0029	mg/Kg
8001-35-2	Toxaphene	0.029	U	0.0093	0.029	0.057	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	6.25	*	55 - 130		31%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.7		42 - 129		58%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	58	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
PD089617.D	1	07/21/25 08:30	07/23/25 20:05	PB168928

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	58	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
PD089630.D	1	07/21/25 08:30	07/24/25 17:58	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00057	U	0.00022	0.00057	0.0029	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00031	0.0014	0.0029	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00067	0.0014	0.0029	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00057	U	0.00024	0.00057	0.0029	mg/Kg
76-44-8	Heptachlor	0.00057	U	0.00021	0.00057	0.0029	mg/Kg
309-00-2	Aldrin	0.00057	U	0.00021	0.00057	0.0029	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00033	0.0014	0.0029	mg/Kg
959-98-8	Endosulfan I	0.00057	U	0.00024	0.00057	0.0029	mg/Kg
60-57-1	Dieldrin	0.00083	JP	0.00024	0.00057	0.0029	mg/Kg
72-55-9	4,4-DDE	0.0010	J	0.00024	0.00057	0.0029	mg/Kg
72-20-8	Endrin	0.0029	P	0.00024	0.00057	0.0029	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00050	0.0014	0.0029	mg/Kg
72-54-8	4,4-DDD	0.00057	U	0.00026	0.00057	0.0029	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00057	U	0.00022	0.00057	0.0029	mg/Kg
50-29-3	4,4-DDT	0.00057	U	0.00024	0.00057	0.0029	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00064	0.0014	0.0029	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00033	0.0014	0.0029	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00064	0.0014	0.0029	mg/Kg
5103-71-9	alpha-Chlordane	0.0017	J	0.00021	0.00057	0.0029	mg/Kg
5103-74-2	gamma-Chlordane	0.0017	JP	0.00026	0.00057	0.0029	mg/Kg
8001-35-2	Toxaphene	0.029	U	0.0093	0.029	0.057	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	6.73	*	55 - 130		34%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.4		42 - 129		62%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	58	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
PD089630.D	1	07/21/25 08:30	07/24/25 17:58	PB168928

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.9	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
PD089618.D	1	07/21/25 08:30	07/23/25 20:19	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00028	0.0013	0.0026	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00060	0.0013	0.0026	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
76-44-8	Heptachlor	0.00051	U	0.00018	0.00051	0.0026	mg/Kg
309-00-2	Aldrin	0.00051	U	0.00018	0.00051	0.0026	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
959-98-8	Endosulfan I	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
60-57-1	Dieldrin	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
72-55-9	4,4-DDE	0.00052	J	0.00022	0.00051	0.0026	mg/Kg
72-20-8	Endrin	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00045	0.0013	0.0026	mg/Kg
72-54-8	4,4-DDD	0.00051	U	0.00023	0.00051	0.0026	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
50-29-3	4,4-DDT	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
5103-71-9	alpha-Chlordane	0.00085	J	0.00018	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00044	JP	0.00023	0.00051	0.0026	mg/Kg
8001-35-2	Toxaphene	0.026	U	0.0083	0.026	0.051	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	6.45	*	55 - 130		32%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.4		42 - 129		52%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.9	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
PD089618.D	1	07/21/25 08:30	07/23/25 20:19	PB168928

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.9	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
PD089631.D	1	07/21/25 08:30	07/24/25 18:12	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00028	0.0013	0.0026	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00060	0.0013	0.0026	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
76-44-8	Heptachlor	0.00051	U	0.00018	0.00051	0.0026	mg/Kg
309-00-2	Aldrin	0.00051	U	0.00018	0.00051	0.0026	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
959-98-8	Endosulfan I	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
60-57-1	Dieldrin	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
72-55-9	4,4-DDE	0.00055	J	0.00022	0.00051	0.0026	mg/Kg
72-20-8	Endrin	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00045	0.0013	0.0026	mg/Kg
72-54-8	4,4-DDD	0.00051	U	0.00023	0.00051	0.0026	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00051	U	0.00020	0.00051	0.0026	mg/Kg
50-29-3	4,4-DDT	0.00051	U	0.00022	0.00051	0.0026	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00029	0.0013	0.0026	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00057	0.0013	0.0026	mg/Kg
5103-71-9	alpha-Chlordane	0.00094	J	0.00018	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00059	JP	0.00023	0.00051	0.0026	mg/Kg
8001-35-2	Toxaphene	0.026	U	0.0083	0.026	0.051	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	6.62	*	55 - 130		33%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.7		42 - 129		54%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.9	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
PD089631.D	1	07/21/25 08:30	07/24/25 18:12	PB168928

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

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

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

LAB CHRONICLE

OrderID:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL			07/17/25			07/18/25
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-03	OU4-TS-39-071725	SOIL			07/17/25			07/18/25
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-05	OU4-TS-40-071725	SOIL			07/17/25			07/18/25
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-07	OU4-TS-41-071725	SOIL			07/17/25			07/18/25
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-09	OU4-TS-42-071725	SOIL			07/17/25			07/18/25
			PCB	8082A		07/21/25	07/22/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-09RE	OU4-TS-42-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/24/25	
Q2639-11	OU4-TS-43-071725	SOIL			07/17/25			07/18/25
			PCB	8082A		07/21/25	07/22/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-11RE	OU4-TS-43-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/24/25	
Q2639-13	OU4-TS-44-071725	SOIL			07/17/25			07/18/25
			PCB	8082A		07/21/25	07/22/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	

LAB CHRONICLE

Q2639-13RE	OU4-TS-44-071725RE	SOIL			07/17/25		07/18/25
			Pesticide-TCL	8081B		07/21/25	07/24/25



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

Hit Summary Sheet
SW-846

SDG No.:		Q2639		Order ID:		Q2639			
Client:		Nobis Group		Project ID:		Raymark Superfund Site			
Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :		OU4-TS-38-071725							
Q2639-01	OU4-TS-38-071725	SOIL	Aroclor-1254	25.5	4.00	10.3	21.1	ug/kg	
Total Concentration:				25.500					



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	80.6	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
PP074001.D	1	07/21/25 08:30	07/21/25 19:07	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.3	U	4.90	10.3	21.1	ug/kg
11104-28-2	Aroclor-1221	16.1	U	5.00	16.1	21.1	ug/kg
11141-16-5	Aroclor-1232	10.3	U	4.60	10.3	21.1	ug/kg
53469-21-9	Aroclor-1242	10.3	U	5.00	10.3	21.1	ug/kg
12672-29-6	Aroclor-1248	16.1	U	7.30	16.1	21.1	ug/kg
11097-69-1	Aroclor-1254	25.5		4.00	10.3	21.1	ug/kg
37324-23-5	Aroclor-1262	16.1	U	6.20	16.1	21.1	ug/kg
11100-14-4	Aroclor-1268	10.3	U	4.50	10.3	21.1	ug/kg
11096-82-5	Aroclor-1260	10.3	U	4.00	10.3	21.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.3		44 - 130		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.7		60 - 125		64%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-39-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-03		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	81	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112338.D	1	07/21/25 08:30	07/21/25 13:11	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.2	U	4.90	10.2	21.0	ug/kg
11104-28-2	Aroclor-1221	16.0	U	5.00	16.0	21.0	ug/kg
11141-16-5	Aroclor-1232	10.2	U	4.60	10.2	21.0	ug/kg
53469-21-9	Aroclor-1242	10.2	U	4.90	10.2	21.0	ug/kg
12672-29-6	Aroclor-1248	16.0	U	7.30	16.0	21.0	ug/kg
11097-69-1	Aroclor-1254	10.2	U	4.00	10.2	21.0	ug/kg
37324-23-5	Aroclor-1262	16.0	U	6.20	16.0	21.0	ug/kg
11100-14-4	Aroclor-1268	10.2	U	4.40	10.2	21.0	ug/kg
11096-82-5	Aroclor-1260	10.2	U	4.00	10.2	21.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.9		44 - 130		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 125		71%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	80.7	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
PO112339.D	1	07/21/25 08:30	07/21/25 13:30	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.3	U	4.90	10.3	21.0	ug/kg
11104-28-2	Aroclor-1221	16.1	U	5.00	16.1	21.0	ug/kg
11141-16-5	Aroclor-1232	10.3	U	4.60	10.3	21.0	ug/kg
53469-21-9	Aroclor-1242	10.3	U	5.00	10.3	21.0	ug/kg
12672-29-6	Aroclor-1248	16.1	U	7.30	16.1	21.0	ug/kg
11097-69-1	Aroclor-1254	10.3	U	4.00	10.3	21.0	ug/kg
37324-23-5	Aroclor-1262	16.1	U	6.20	16.1	21.0	ug/kg
11100-14-4	Aroclor-1268	10.3	U	4.50	10.3	21.0	ug/kg
11096-82-5	Aroclor-1260	10.3	U	4.00	10.3	21.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.5		44 - 130		113%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.0		60 - 125		65%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	82	Decanted:
Sample Wt/Vol:	30.09	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
PO112340.D	1	07/21/25 08:30	07/21/25 13:47	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.1	U	4.80	10.1	20.7	ug/kg
11104-28-2	Aroclor-1221	15.8	U	4.90	15.8	20.7	ug/kg
11141-16-5	Aroclor-1232	10.1	U	4.50	10.1	20.7	ug/kg
53469-21-9	Aroclor-1242	10.1	U	4.90	10.1	20.7	ug/kg
12672-29-6	Aroclor-1248	15.8	U	7.20	15.8	20.7	ug/kg
11097-69-1	Aroclor-1254	10.1	U	3.90	10.1	20.7	ug/kg
37324-23-5	Aroclor-1262	15.8	U	6.10	15.8	20.7	ug/kg
11100-14-4	Aroclor-1268	10.1	U	4.40	10.1	20.7	ug/kg
11096-82-5	Aroclor-1260	10.1	U	3.90	10.1	20.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.8		44 - 130		114%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.3		60 - 125		62%	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

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	60.3	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
PO112372.D	1	07/21/25 08:30	07/22/25 11:08	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	13.7	U	6.50	13.7	28.1	ug/kg
11104-28-2	Aroclor-1221	21.5	U	6.70	21.5	28.1	ug/kg
11141-16-5	Aroclor-1232	13.7	U	6.20	13.7	28.1	ug/kg
53469-21-9	Aroclor-1242	13.7	U	6.60	13.7	28.1	ug/kg
12672-29-6	Aroclor-1248	21.5	U	9.80	21.5	28.1	ug/kg
11097-69-1	Aroclor-1254	13.7	U	5.30	13.7	28.1	ug/kg
37324-23-5	Aroclor-1262	21.5	U	8.30	21.5	28.1	ug/kg
11100-14-4	Aroclor-1268	13.7	U	6.00	13.7	28.1	ug/kg
11096-82-5	Aroclor-1260	13.7	U	5.30	13.7	28.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.8		44 - 130		74%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 125		102%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	58	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
PO112373.D	1	07/21/25 08:30	07/22/25 11:26	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	14.3	U	6.80	14.3	29.3	ug/kg
11104-28-2	Aroclor-1221	22.4	U	6.90	22.4	29.3	ug/kg
11141-16-5	Aroclor-1232	14.3	U	6.40	14.3	29.3	ug/kg
53469-21-9	Aroclor-1242	14.3	U	6.90	14.3	29.3	ug/kg
12672-29-6	Aroclor-1248	22.4	U	10.2	22.4	29.3	ug/kg
11097-69-1	Aroclor-1254	14.3	U	5.50	14.3	29.3	ug/kg
37324-23-5	Aroclor-1262	22.4	U	8.60	22.4	29.3	ug/kg
11100-14-4	Aroclor-1268	14.3	U	6.20	14.3	29.3	ug/kg
11096-82-5	Aroclor-1260	14.3	U	5.60	14.3	29.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.1		44 - 130		80%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 125		86%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	64.9	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
PO112374.D	1	07/21/25 08:30	07/22/25 11:44	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.8	U	6.10	12.8	26.2	ug/kg
11104-28-2	Aroclor-1221	20.0	U	6.20	20.0	26.2	ug/kg
11141-16-5	Aroclor-1232	12.8	U	5.70	12.8	26.2	ug/kg
53469-21-9	Aroclor-1242	12.8	U	6.20	12.8	26.2	ug/kg
12672-29-6	Aroclor-1248	20.0	U	9.10	20.0	26.2	ug/kg
11097-69-1	Aroclor-1254	12.8	U	4.90	12.8	26.2	ug/kg
37324-23-5	Aroclor-1262	20.0	U	7.70	20.0	26.2	ug/kg
11100-14-4	Aroclor-1268	12.8	U	5.50	12.8	26.2	ug/kg
11096-82-5	Aroclor-1260	12.8	U	5.00	12.8	26.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.6		44 - 130		98%	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

LAB CHRONICLE

OrderID:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-03	OU4-TS-39-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-05	OU4-TS-40-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-07	OU4-TS-41-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-09	OU4-TS-42-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-11	OU4-TS-43-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-13	OU4-TS-44-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/22/25	07/18/25



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

Hit Summary Sheet
SW-846

SDG No.:

Q2639

Order ID:

Q2639

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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	80.6	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
PS031323.D	1	07/22/25 09:05	07/30/25 17:15	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.041	U	0.0096	0.041	0.083	mg/Kg
75-99-0	DALAPON	0.062	U	0.022	0.062	0.083	mg/Kg
120-36-5	DICHLORPROP	0.041	U	0.016	0.041	0.083	mg/Kg
94-75-7	2,4-D	0.041	U	0.011	0.041	0.083	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.041	U	0.011	0.041	0.083	mg/Kg
93-76-5	2,4,5-T	0.041	U	0.011	0.041	0.083	mg/Kg
94-82-6	2,4-DB	0.041	U	0.030	0.041	0.083	mg/Kg
88-85-7	DINOSEB	0.041	U	0.013	0.041	0.083	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	164		27 - 122		33%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-39-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-03		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	81	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
PS031324.D	1	07/22/25 09:05	07/30/25 17:39	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.041	U	0.0096	0.041	0.083	mg/Kg
75-99-0	DALAPON	0.062	U	0.022	0.062	0.083	mg/Kg
120-36-5	DICHLORPROP	0.041	U	0.016	0.041	0.083	mg/Kg
94-75-7	2,4-D	0.041	U	0.011	0.041	0.083	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.041	U	0.011	0.041	0.083	mg/Kg
93-76-5	2,4,5-T	0.041	U	0.011	0.041	0.083	mg/Kg
94-82-6	2,4-DB	0.041	U	0.030	0.041	0.083	mg/Kg
88-85-7	DINOSEB	0.041	U	0.013	0.041	0.083	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	188		27 - 122		38%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	80.7	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031334.D	1	07/22/25 09:05	07/31/25 11:12	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.041	U	0.0096	0.041	0.083	mg/Kg
75-99-0	DALAPON	0.062	U	0.022	0.062	0.083	mg/Kg
120-36-5	DICHLORPROP	0.041	U	0.016	0.041	0.083	mg/Kg
94-75-7	2,4-D	0.041	U	0.011	0.041	0.083	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.041	U	0.011	0.041	0.083	mg/Kg
93-76-5	2,4,5-T	0.041	U	0.011	0.041	0.083	mg/Kg
94-82-6	2,4-DB	0.041	U	0.030	0.041	0.083	mg/Kg
88-85-7	DINOSEB	0.041	U	0.013	0.041	0.083	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	234		27 - 122		47%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	82	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
PS031214.D	1	07/22/25 09:05	07/24/25 00:04	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.040	U	0.0094	0.040	0.082	mg/Kg
75-99-0	DALAPON	0.061	U	0.021	0.061	0.082	mg/Kg
120-36-5	DICHLORPROP	0.040	U	0.016	0.040	0.082	mg/Kg
94-75-7	2,4-D	0.040	U	0.011	0.040	0.082	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.040	U	0.011	0.040	0.082	mg/Kg
93-76-5	2,4,5-T	0.040	U	0.011	0.040	0.082	mg/Kg
94-82-6	2,4-DB	0.040	U	0.030	0.040	0.082	mg/Kg
88-85-7	DINOSEB	0.040	U	0.013	0.040	0.082	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	142		27 - 122		28%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	60.3	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
PS031215.D	1	07/22/25 09:05	07/24/25 00:28	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.055	U	0.013	0.055	0.11	mg/Kg
75-99-0	DALAPON	0.083	U	0.029	0.083	0.11	mg/Kg
120-36-5	DICHLORPROP	0.055	U	0.021	0.055	0.11	mg/Kg
94-75-7	2,4-D	0.055	U	0.015	0.055	0.11	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.055	U	0.015	0.055	0.11	mg/Kg
93-76-5	2,4,5-T	0.055	U	0.014	0.055	0.11	mg/Kg
94-82-6	2,4-DB	0.055	U	0.040	0.055	0.11	mg/Kg
88-85-7	DINOSEB	0.055	U	0.018	0.055	0.11	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	141		27 - 122		28%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09RE		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	60.3	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
PS031326.D	1	07/22/25 09:05	07/30/25 18:27	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.055	U	0.013	0.055	0.11	mg/Kg
75-99-0	DALAPON	0.083	U	0.029	0.083	0.11	mg/Kg
120-36-5	DICHLORPROP	0.055	U	0.021	0.055	0.11	mg/Kg
94-75-7	2,4-D	0.055	U	0.015	0.055	0.11	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.055	U	0.015	0.055	0.11	mg/Kg
93-76-5	2,4,5-T	0.055	U	0.014	0.055	0.11	mg/Kg
94-82-6	2,4-DB	0.055	U	0.040	0.055	0.11	mg/Kg
88-85-7	DINOSEB	0.055	U	0.018	0.055	0.11	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	176		27 - 122		35%	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	58
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide Group1
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031216.D	1	07/22/25 09:05	07/24/25 00:52	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.057	U	0.013	0.057	0.12	mg/Kg
75-99-0	DALAPON	0.086	U	0.030	0.086	0.12	mg/Kg
120-36-5	DICHLORPROP	0.057	U	0.022	0.057	0.12	mg/Kg
94-75-7	2,4-D	0.057	U	0.016	0.057	0.12	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.057	U	0.016	0.057	0.12	mg/Kg
93-76-5	2,4,5-T	0.057	U	0.015	0.057	0.12	mg/Kg
94-82-6	2,4-DB	0.057	U	0.042	0.057	0.12	mg/Kg
88-85-7	DINOSEB	0.057	U	0.019	0.057	0.12	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	133		27 - 122		27%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11RE		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	58	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
PS031327.D	1	07/22/25 09:05	07/30/25 18:51	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.057	U	0.013	0.057	0.12	mg/Kg
75-99-0	DALAPON	0.086	U	0.030	0.086	0.12	mg/Kg
120-36-5	DICHLORPROP	0.057	U	0.022	0.057	0.12	mg/Kg
94-75-7	2,4-D	0.057	U	0.016	0.057	0.12	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.057	U	0.016	0.057	0.12	mg/Kg
93-76-5	2,4,5-T	0.057	U	0.015	0.057	0.12	mg/Kg
94-82-6	2,4-DB	0.057	U	0.042	0.057	0.12	mg/Kg
88-85-7	DINOSEB	0.057	U	0.019	0.057	0.12	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	148		27 - 122		30%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	64.9	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
PS031217.D	1	07/22/25 09:05	07/24/25 01:17	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.051	U	0.012	0.051	0.10	mg/Kg
75-99-0	DALAPON	0.077	U	0.027	0.077	0.10	mg/Kg
120-36-5	DICHLORPROP	0.051	U	0.020	0.051	0.10	mg/Kg
94-75-7	2,4-D	0.051	U	0.014	0.051	0.10	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.051	U	0.014	0.051	0.10	mg/Kg
93-76-5	2,4,5-T	0.051	U	0.013	0.051	0.10	mg/Kg
94-82-6	2,4-DB	0.051	U	0.037	0.051	0.10	mg/Kg
88-85-7	DINOSEB	0.051	U	0.017	0.051	0.10	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	158		27 - 122		32%	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:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725RE		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13RE		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	64.9	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
PS031328.D	1	07/22/25 09:05	07/30/25 19:15	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.051	U	0.012	0.051	0.10	mg/Kg
75-99-0	DALAPON	0.077	U	0.027	0.077	0.10	mg/Kg
120-36-5	DICHLORPROP	0.051	U	0.020	0.051	0.10	mg/Kg
94-75-7	2,4-D	0.051	U	0.014	0.051	0.10	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.051	U	0.014	0.051	0.10	mg/Kg
93-76-5	2,4,5-T	0.051	U	0.013	0.051	0.10	mg/Kg
94-82-6	2,4-DB	0.051	U	0.037	0.051	0.10	mg/Kg
88-85-7	DINOSEB	0.051	U	0.017	0.051	0.10	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	138		27 - 122		28%	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:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/30/25	
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-03	OU4-TS-39-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/30/25	
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-05	OU4-TS-40-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/31/25	
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-07	OU4-TS-41-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-09	OU4-TS-42-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/22/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-09RE	OU4-TS-42-071725RE	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/30/25	
			Pesticide-TCL	8081B		07/21/25	07/24/25	
Q2639-11	OU4-TS-43-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/22/25	

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Q2639-11RE	OU4-TS-43-071725RE	SOIL	Pesticide-TCL	8081B		07/21/25	07/23/25	
			Herbicide Group1	8151A	07/17/25	07/22/25	07/30/25	07/18/25
			Pesticide-TCL	8081B		07/21/25	07/24/25	
Q2639-13	OU4-TS-44-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/22/25	
			Pesticide-TCL	8081B		07/21/25	07/23/25	
Q2639-13RE	OU4-TS-44-071725RE	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/30/25	
			Pesticide-TCL	8081B		07/21/25	07/24/25	

Hit Summary Sheet
SW-846

SDG No.: Q2639 **Order ID:** Q2639
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-38-071725									
Q2639-01	OU4-TS-38-071725	SOIL	Aluminum	12800		0.89	4.22	5.28	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Arsenic	10.8		0.20	0.85	1.06	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Barium	90.4		0.77	1.32	5.28	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Beryllium	0.70		0.026	0.079	0.32	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Cadmium	0.79		0.025	0.079	0.32	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Calcium	2880		11.7	26.4	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Chromium	27.6		0.050	0.13	0.53	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Cobalt	14.4		0.11	0.40	1.58	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Copper	75.5		0.23	0.85	1.06	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Iron	23300		4.21	4.22	5.28	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Lead	30.3		0.14	0.51	0.63	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Magnesium	5920		12.7	26.4	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Manganese	371		0.15	0.26	1.06	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Mercury	0.10		0.0090	0.012	0.016	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Nickel	25.3		0.14	0.53	2.11	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Potassium	4440		29.2	84.5	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Silver	0.77		0.13	0.26	0.53	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Sodium	119		18.8	84.5	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Vanadium	38.0		0.26	1.06	2.11	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Zinc	91.0		0.24	0.53	2.11	mg/Kg
Client ID : OU4-TS-39-071725									
Q2639-03	OU4-TS-39-071725	SOIL	Aluminum	13200		0.93	4.41	5.51	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Arsenic	11.2		0.21	0.88	1.10	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Barium	92.6		0.81	1.38	5.51	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Beryllium	0.74		0.028	0.083	0.33	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Cadmium	0.81		0.026	0.083	0.33	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Calcium	2990		12.2	27.6	110	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Chromium	28.7		0.052	0.14	0.55	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Cobalt	15.4		0.11	0.41	1.65	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Copper	83.2		0.24	0.88	1.10	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Iron	23900		4.40	4.41	5.51	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Lead	31.7		0.14	0.53	0.66	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Magnesium	5910		13.2	27.6	110	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Manganese	397		0.15	0.28	1.10	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Mercury	0.011	J	0.0090	0.013	0.016	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Nickel	25.8		0.14	0.55	2.20	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Potassium	4410		30.5	88.2	110	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q2639	Order ID:	Q2639
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-03	OU4-TS-39-071725	SOIL	Silver	0.58		0.13	0.28	0.55	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Sodium	118		19.6	88.2	110	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Vanadium	37.4		0.28	1.10	2.20	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Zinc	92.0		0.25	0.55	2.20	mg/Kg

Client ID : OU4-TS-40-071725

Q2639-05	OU4-TS-40-071725	SOIL	Aluminum	12500		0.90	4.29	5.36	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Arsenic	10.5		0.20	0.86	1.07	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Barium	86.8		0.78	1.34	5.36	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Beryllium	0.67		0.027	0.080	0.32	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Cadmium	0.72		0.026	0.080	0.32	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Calcium	2940		11.9	26.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Chromium	25.8		0.050	0.13	0.54	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Cobalt	13.8		0.11	0.40	1.61	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Copper	73.3		0.24	0.86	1.07	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Iron	22900		4.28	4.29	5.36	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Lead	28.8		0.14	0.52	0.64	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Magnesium	5640		12.9	26.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Manganese	371		0.15	0.27	1.07	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Mercury	0.037		0.0090	0.013	0.016	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Nickel	24.4		0.14	0.54	2.15	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Potassium	4220		29.7	85.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Silver	0.75		0.13	0.27	0.54	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Sodium	112		19.1	85.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Vanadium	35.5		0.27	1.07	2.15	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Zinc	87.8		0.25	0.54	2.15	mg/Kg

Client ID : OU4-TS-41-071725

Q2639-07	OU4-TS-41-071725	SOIL	Aluminum	12700		0.99	4.69	5.86	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Arsenic	10.8		0.22	0.94	1.17	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Barium	91.1		0.86	1.47	5.86	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Beryllium	0.69		0.029	0.088	0.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Cadmium	0.62		0.028	0.088	0.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Calcium	3150		13.0	29.3	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Chromium	27.2		0.055	0.15	0.59	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Cobalt	14.1		0.12	0.44	1.76	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Copper	76.2		0.26	0.94	1.17	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Iron	23300		4.68	4.69	5.86	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Lead	28.6		0.15	0.56	0.70	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Magnesium	5760		14.1	29.3	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Manganese	382		0.16	0.29	1.17	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2639

Order ID: Q2639

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-07	OU4-TS-41-071725	SOIL	Mercury	0.086	J	0.0090	0.013	0.016	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Nickel	24.5		0.15	0.59	2.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Potassium	4280		32.5	93.8	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Silver	0.78		0.14	0.29	0.59	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Sodium	111		20.9	93.8	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Vanadium	36.0		0.29	1.17	2.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Zinc	89.9		0.27	0.59	2.35	mg/Kg
Client ID : OU4-TS-42-071725									
Q2639-09	OU4-TS-42-071725	SOIL	Aluminum	13900	J	1.31	6.23	7.79	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Arsenic	18.4		0.30	1.25	1.56	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Barium	105		1.14	1.95	7.79	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Beryllium	0.91		0.039	0.12	0.47	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Cadmium	0.54		0.037	0.12	0.47	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Calcium	6640		17.3	38.9	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Chromium	21.3		0.073	0.20	0.78	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Cobalt	13.8		0.16	0.58	2.34	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Copper	55.4		0.34	1.25	1.56	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Iron	22700		6.21	6.23	7.79	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Lead	27.9		0.20	0.75	0.93	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Magnesium	5270		18.7	38.9	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Manganese	465		0.22	0.39	1.56	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Mercury	0.10		0.011	0.016	0.020	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Nickel	25.4		0.20	0.78	3.11	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Potassium	4890		43.1	125	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Silver	1.04		0.19	0.39	0.78	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Sodium	358		27.7	125	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Thallium	0.63		0.36	1.56	3.11	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Vanadium	34.3		0.39	1.56	3.11	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Zinc	88.1		0.36	0.78	3.11	mg/Kg
Client ID : OU4-TS-43-071725									
Q2639-11	OU4-TS-43-071725	SOIL	Aluminum	13700		1.25	5.97	7.46	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Arsenic	21.0		0.28	1.19	1.49	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Barium	106		1.09	1.87	7.46	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Beryllium	0.73		0.037	0.11	0.45	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Cadmium	0.65		0.036	0.11	0.45	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Calcium	7990		16.6	37.3	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Chromium	20.9		0.070	0.19	0.75	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Cobalt	13.1		0.15	0.56	2.24	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Copper	60.1		0.33	1.19	1.49	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q2639	Order ID:	Q2639
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-11	OU4-TS-43-071725	SOIL	Iron	22300		5.96	5.97	7.46	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Lead	30.7		0.19	0.72	0.90	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Magnesium	5520		17.9	37.3	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Manganese	467		0.21	0.37	1.49	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Mercury	0.079		0.012	0.017	0.022	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Nickel	23.8		0.19	0.75	2.99	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Potassium	4610		41.3	119	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Silver	0.94		0.18	0.37	0.75	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Sodium	287		26.6	119	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Vanadium	32.6		0.37	1.49	2.99	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Zinc	89.4		0.34	0.75	2.99	mg/Kg
Client ID : OU4-TS-44-071725									
Q2639-13	OU4-TS-44-071725	SOIL	Aluminum	11300		1.09	5.18	6.47	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Arsenic	17.3		0.25	1.04	1.29	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Barium	87.2		0.95	1.62	6.47	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Beryllium	0.61		0.032	0.097	0.39	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Cadmium	0.57		0.031	0.097	0.39	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Calcium	7160		14.4	32.4	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Chromium	16.7		0.061	0.16	0.65	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Cobalt	10.7		0.13	0.49	1.94	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Copper	51.4		0.28	1.04	1.29	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Iron	18000		5.17	5.18	6.47	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Lead	24.4		0.17	0.62	0.78	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Magnesium	4500		15.5	32.4	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Manganese	406		0.18	0.32	1.29	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Mercury	0.072		0.011	0.016	0.020	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Nickel	19.7		0.17	0.65	2.59	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Potassium	3870		35.9	104	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Silver	0.59	J	0.16	0.32	0.65	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Sodium	262		23.0	104	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Vanadium	27.8		0.32	1.29	2.59	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Zinc	78.6		0.30	0.65	2.59	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12800		1	0.89	4.22	5.28	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-36-0	Antimony	0.66	UN	1	0.23	0.66	2.64	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-38-2	Arsenic	10.8		1	0.20	0.85	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-39-3	Barium	90.4		1	0.77	1.32	5.28	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-41-7	Beryllium	0.70		1	0.026	0.079	0.32	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-43-9	Cadmium	0.79		1	0.025	0.079	0.32	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-70-2	Calcium	2880	*	1	11.7	26.4	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-47-3	Chromium	27.6		1	0.050	0.13	0.53	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-48-4	Cobalt	14.4		1	0.11	0.40	1.58	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-50-8	Copper	75.5		1	0.23	0.85	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-89-6	Iron	23300		1	4.21	4.22	5.28	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-92-1	Lead	30.3		1	0.14	0.51	0.63	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-95-4	Magnesium	5920	*	1	12.7	26.4	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-96-5	Manganese	371		1	0.15	0.26	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-97-6	Mercury	0.10	N	1	0.0090	0.012	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:02	7471B	
7440-02-0	Nickel	25.3		1	0.14	0.53	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-09-7	Potassium	4440		1	29.2	84.5	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7782-49-2	Selenium	0.85	U	1	0.28	0.85	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-22-4	Silver	0.77		1	0.13	0.26	0.53	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-23-5	Sodium	119		1	18.8	84.5	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-28-0	Thallium	1.06	U	1	0.24	1.06	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-62-2	Vanadium	38.0		1	0.26	1.06	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-66-6	Zinc	91.0	N	1	0.24	0.53	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050

Color Before:	Brown	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	81

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13200		1	0.93	4.41	5.51	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-36-0	Antimony	0.69	UN	1	0.24	0.69	2.76	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-38-2	Arsenic	11.2		1	0.21	0.88	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-39-3	Barium	92.6		1	0.81	1.38	5.51	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-41-7	Beryllium	0.74		1	0.028	0.083	0.33	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-43-9	Cadmium	0.81		1	0.026	0.083	0.33	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-70-2	Calcium	2990	*	1	12.2	27.6	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-47-3	Chromium	28.7		1	0.052	0.14	0.55	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-48-4	Cobalt	15.4		1	0.11	0.41	1.65	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-50-8	Copper	83.2		1	0.24	0.88	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-89-6	Iron	23900		1	4.40	4.41	5.51	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-92-1	Lead	31.7		1	0.14	0.53	0.66	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-95-4	Magnesium	5910	*	1	13.2	27.6	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-96-5	Manganese	397		1	0.15	0.28	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-97-6	Mercury	0.011	JN	1	0.0090	0.013	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:05	7471B	
7440-02-0	Nickel	25.8		1	0.14	0.55	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-09-7	Potassium	4410		1	30.5	88.2	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7782-49-2	Selenium	0.88	U	1	0.29	0.88	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-22-4	Silver	0.58		1	0.13	0.28	0.55	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-23-5	Sodium	118		1	19.6	88.2	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-28-0	Thallium	1.10	U	1	0.25	1.10	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-62-2	Vanadium	37.4		1	0.28	1.10	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-66-6	Zinc	92.0	N	1	0.25	0.55	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050

Color Before:	Brown	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12500		1	0.90	4.29	5.36	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-36-0	Antimony	0.67	UN	1	0.24	0.67	2.68	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-38-2	Arsenic	10.5		1	0.20	0.86	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-39-3	Barium	86.8		1	0.78	1.34	5.36	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-41-7	Beryllium	0.67		1	0.027	0.080	0.32	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-43-9	Cadmium	0.72		1	0.026	0.080	0.32	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-70-2	Calcium	2940	*	1	11.9	26.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-47-3	Chromium	25.8		1	0.050	0.13	0.54	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-48-4	Cobalt	13.8		1	0.11	0.40	1.61	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-50-8	Copper	73.3		1	0.24	0.86	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-89-6	Iron	22900		1	4.28	4.29	5.36	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-92-1	Lead	28.8		1	0.14	0.52	0.64	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-95-4	Magnesium	5640	*	1	12.9	26.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-96-5	Manganese	371		1	0.15	0.27	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-97-6	Mercury	0.037	N	1	0.0090	0.013	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:07	7471B	
7440-02-0	Nickel	24.4		1	0.14	0.54	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-09-7	Potassium	4220		1	29.7	85.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7782-49-2	Selenium	0.86	U	1	0.28	0.86	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-22-4	Silver	0.75		1	0.13	0.27	0.54	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-23-5	Sodium	112		1	19.1	85.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-28-0	Thallium	1.07	U	1	0.25	1.07	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-62-2	Vanadium	35.5		1	0.27	1.07	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-66-6	Zinc	87.8	N	1	0.25	0.54	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050

Color Before:	Brown	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	82

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12700		1	0.99	4.69	5.86	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-36-0	Antimony	0.73	UN	1	0.26	0.73	2.93	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-38-2	Arsenic	10.8		1	0.22	0.94	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-39-3	Barium	91.1		1	0.86	1.47	5.86	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-41-7	Beryllium	0.69		1	0.029	0.088	0.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-43-9	Cadmium	0.62		1	0.028	0.088	0.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-70-2	Calcium	3150	*	1	13.0	29.3	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-47-3	Chromium	27.2		1	0.055	0.15	0.59	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-48-4	Cobalt	14.1		1	0.12	0.44	1.76	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-50-8	Copper	76.2		1	0.26	0.94	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-89-6	Iron	23300		1	4.68	4.69	5.86	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-92-1	Lead	28.6		1	0.15	0.56	0.70	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-95-4	Magnesium	5760	*	1	14.1	29.3	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-96-5	Manganese	382		1	0.16	0.29	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-97-6	Mercury	0.086	N	1	0.0090	0.013	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:09	7471B	
7440-02-0	Nickel	24.5		1	0.15	0.59	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-09-7	Potassium	4280		1	32.5	93.8	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7782-49-2	Selenium	0.94	U	1	0.31	0.94	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-22-4	Silver	0.78		1	0.14	0.29	0.59	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-23-5	Sodium	111	J	1	20.9	93.8	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-28-0	Thallium	1.17	U	1	0.27	1.17	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-62-2	Vanadium	36.0		1	0.29	1.17	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-66-6	Zinc	89.9	N	1	0.27	0.59	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050

Color Before:	Brown	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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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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	60.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13900		1	1.31	6.23	7.79	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-36-0	Antimony	0.97	UN	1	0.34	0.97	3.89	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-38-2	Arsenic	18.4		1	0.30	1.25	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-39-3	Barium	105		1	1.14	1.95	7.79	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-41-7	Beryllium	0.91		1	0.039	0.12	0.47	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-43-9	Cadmium	0.54		1	0.037	0.12	0.47	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-70-2	Calcium	6640	*	1	17.3	38.9	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-47-3	Chromium	21.3		1	0.073	0.20	0.78	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-48-4	Cobalt	13.8		1	0.16	0.58	2.34	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-50-8	Copper	55.4		1	0.34	1.25	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-89-6	Iron	22700		1	6.21	6.23	7.79	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-92-1	Lead	27.9		1	0.20	0.75	0.93	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-95-4	Magnesium	5270	*	1	18.7	38.9	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-96-5	Manganese	465		1	0.22	0.39	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-97-6	Mercury	0.10	N	1	0.011	0.016	0.020	mg/Kg	07/24/25 15:10	07/25/25 12:16	7471B	
7440-02-0	Nickel	25.4		1	0.20	0.78	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-09-7	Potassium	4890		1	43.1	125	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7782-49-2	Selenium	1.25	U	1	0.41	1.25	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-22-4	Silver	1.04		1	0.19	0.39	0.78	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-23-5	Sodium	358		1	27.7	125	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-28-0	Thallium	0.63	J	1	0.36	1.56	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-62-2	Vanadium	34.3		1	0.39	1.56	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-66-6	Zinc	88.1	N	1	0.36	0.78	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050

Color Before:	Brown	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	58

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13700		1	1.25	5.97	7.46	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-36-0	Antimony	0.93	UN	1	0.33	0.93	3.73	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-38-2	Arsenic	21.0		1	0.28	1.19	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-39-3	Barium	106		1	1.09	1.87	7.46	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-41-7	Beryllium	0.73		1	0.037	0.11	0.45	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-43-9	Cadmium	0.65		1	0.036	0.11	0.45	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-70-2	Calcium	7990	*	1	16.6	37.3	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-47-3	Chromium	20.9		1	0.070	0.19	0.75	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-48-4	Cobalt	13.1		1	0.15	0.56	2.24	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-50-8	Copper	60.1		1	0.33	1.19	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-89-6	Iron	22300		1	5.96	5.97	7.46	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-92-1	Lead	30.7		1	0.19	0.72	0.90	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-95-4	Magnesium	5520	*	1	17.9	37.3	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-96-5	Manganese	467		1	0.21	0.37	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-97-6	Mercury	0.079	N	1	0.012	0.017	0.022	mg/Kg	07/24/25 15:10	07/25/25 12:19	7471B	
7440-02-0	Nickel	23.8		1	0.19	0.75	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-09-7	Potassium	4610		1	41.3	119	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7782-49-2	Selenium	1.19	U	1	0.39	1.19	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-22-4	Silver	0.94		1	0.18	0.37	0.75	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-23-5	Sodium	287		1	26.6	119	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-28-0	Thallium	1.49	U	1	0.34	1.49	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-62-2	Vanadium	32.6		1	0.37	1.49	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-66-6	Zinc	89.4	N	1	0.34	0.75	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050

Color Before:	Brown	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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Q = indicates LCS control criteria did not meet requirements

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	64.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11300		1	1.09	5.18	6.47	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-36-0	Antimony	0.81	UN	1	0.28	0.81	3.24	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-38-2	Arsenic	17.3		1	0.25	1.04	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-39-3	Barium	87.2		1	0.95	1.62	6.47	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-41-7	Beryllium	0.61		1	0.032	0.097	0.39	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-43-9	Cadmium	0.57		1	0.031	0.097	0.39	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-70-2	Calcium	7160	*	1	14.4	32.4	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-47-3	Chromium	16.7		1	0.061	0.16	0.65	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-48-4	Cobalt	10.7		1	0.13	0.49	1.94	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-50-8	Copper	51.4		1	0.28	1.04	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-89-6	Iron	18000		1	5.17	5.18	6.47	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-92-1	Lead	24.4		1	0.17	0.62	0.78	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-95-4	Magnesium	4500	*	1	15.5	32.4	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-96-5	Manganese	406		1	0.18	0.32	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-97-6	Mercury	0.072	N	1	0.011	0.016	0.020	mg/Kg	07/24/25 15:10	07/25/25 12:21	7471B	
7440-02-0	Nickel	19.7		1	0.17	0.65	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-09-7	Potassium	3870		1	35.9	104	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7782-49-2	Selenium	1.04	U	1	0.34	1.04	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-22-4	Silver	0.59	J	1	0.16	0.32	0.65	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-23-5	Sodium	262		1	23.0	104	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-28-0	Thallium	1.29	U	1	0.30	1.29	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-62-2	Vanadium	27.8		1	0.32	1.29	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-66-6	Zinc	78.6	N	1	0.30	0.65	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050

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

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LAB CHRONICLE

OrderID:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/24/25	07/25/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2639-02	OU4-TS-38-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-03	OU4-TS-39-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/24/25	07/25/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2639-04	OU4-TS-39-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-05	OU4-TS-40-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/24/25	07/25/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2639-06	OU4-TS-40-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-07	OU4-TS-41-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/24/25	07/25/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2639-08	OU4-TS-41-071725	Water			07/17/25			07/18/25

LAB CHRONICLE

Q2639-09	OU4-TS-42-071725	SOIL	SPLP Mercury	7470A	07/21/25	07/22/25	07/17/25	07/18/25
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		
Q2639-10	OU4-TS-42-071725	Water	Mercury	7471B	07/24/25	07/25/25	07/17/25	07/18/25
			Metals ICP-TAL	6010D	07/21/25	07/23/25		
Q2639-11	OU4-TS-43-071725	SOIL	SPLP Mercury	7470A	07/21/25	07/22/25	07/17/25	07/18/25
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		
Q2639-12	OU4-TS-43-071725	Water	Mercury	7471B	07/24/25	07/25/25	07/17/25	07/18/25
			Metals ICP-TAL	6010D	07/21/25	07/22/25		
Q2639-13	OU4-TS-44-071725	SOIL	SPLP Mercury	7470A	07/21/25	07/22/25	07/17/25	07/18/25
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		
Q2639-14	OU4-TS-44-071725	Water	Mercury	7471B	07/24/25	07/25/25	07/17/25	07/18/25
			Metals ICP-TAL	6010D	07/21/25	07/22/25		
			SPLP Mercury	7470A	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		

Hit Summary Sheet SW-846

SDG No.: Q2639 **Order ID:** Q2639
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-38-071725									
Q2639-02	OU4-TS-38-071725	Water	Antimony	12.5	D	0.55	1.25	10.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Arsenic	54.0	D	4.45	12.5	50.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Barium	91.4	D	1.05	6.25	50.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Beryllium	4.05	JD	1.60	3.75	5.00	ug/L
Q2639-02	OU4-TS-38-071725	Water	Cadmium	18.7	D	1.70	2.50	5.00	ug/L
Q2639-02	OU4-TS-38-071725	Water	Chromium	207	D	1.05	3.75	10.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Copper	1880	D	1.50	7.50	10.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Lead	273	D	5.25	18.8	25.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Nickel	287	D	1.35	3.75	5.00	ug/L
Q2639-02	OU4-TS-38-071725	Water	Mercury	0.19	J	0.076	0.16	0.20	ug/L
Q2639-02	OU4-TS-38-071725	Water	Silver	2.25	JD	0.30	2.50	5.00	ug/L
Q2639-02	OU4-TS-38-071725	Water	Thallium	2.00	JD	1.50	12.5	25.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Vanadium	246	D	0.39	1.25	25.0	ug/L
Q2639-02	OU4-TS-38-071725	Water	Zinc	2370	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-39-071725									
Q2639-04	OU4-TS-39-071725	Water	Antimony	8.40	JD	0.55	1.25	10.0	ug/L
Q2639-04	OU4-TS-39-071725	Water	Arsenic	47.6	D	0.45	1.25	5.00	ug/L
Q2639-04	OU4-TS-39-071725	Water	Barium	88.4	D	1.05	6.25	50.0	ug/L
Q2639-04	OU4-TS-39-071725	Water	Cadmium	14.3	D	1.70	2.50	5.00	ug/L
Q2639-04	OU4-TS-39-071725	Water	Chromium	193	D	1.05	3.75	10.0	ug/L
Q2639-04	OU4-TS-39-071725	Water	Copper	1520	D	1.50	7.50	10.0	ug/L
Q2639-04	OU4-TS-39-071725	Water	Lead	265	D	5.25	18.8	25.0	ug/L
Q2639-04	OU4-TS-39-071725	Water	Nickel	230	D	1.35	3.75	5.00	ug/L
Q2639-04	OU4-TS-39-071725	Water	Mercury	0.11	J	0.076	0.16	0.20	ug/L
Q2639-04	OU4-TS-39-071725	Water	Silver	1.90	JD	0.30	2.50	5.00	ug/L
Q2639-04	OU4-TS-39-071725	Water	Thallium	1.75	JD	1.50	12.5	25.0	ug/L
Q2639-04	OU4-TS-39-071725	Water	Vanadium	223	D	0.39	1.25	25.0	ug/L
Q2639-04	OU4-TS-39-071725	Water	Zinc	1980	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-40-071725									
Q2639-06	OU4-TS-40-071725	Water	Antimony	9.00	JD	0.55	1.25	10.0	ug/L
Q2639-06	OU4-TS-40-071725	Water	Arsenic	54.5	D	4.45	12.5	50.0	ug/L
Q2639-06	OU4-TS-40-071725	Water	Barium	96.2	D	1.05	6.25	50.0	ug/L
Q2639-06	OU4-TS-40-071725	Water	Beryllium	4.20	JD	1.60	3.75	5.00	ug/L
Q2639-06	OU4-TS-40-071725	Water	Cadmium	16.5	D	1.70	2.50	5.00	ug/L
Q2639-06	OU4-TS-40-071725	Water	Chromium	196	D	1.05	3.75	10.0	ug/L
Q2639-06	OU4-TS-40-071725	Water	Copper	1780	D	1.50	7.50	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2639

Order ID: Q2639

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-06	OU4-TS-40-071725	Water	Lead	265	D	5.25	18.8	25.0	ug/L
Q2639-06	OU4-TS-40-071725	Water	Nickel	265	D	1.35	3.75	5.00	ug/L
Q2639-06	OU4-TS-40-071725	Water	Mercury	0.092	J	0.076	0.16	0.20	ug/L
Q2639-06	OU4-TS-40-071725	Water	Silver	2.05	JD	0.30	2.50	5.00	ug/L
Q2639-06	OU4-TS-40-071725	Water	Thallium	1.75	JD	1.50	12.5	25.0	ug/L
Q2639-06	OU4-TS-40-071725	Water	Vanadium	234	D	0.39	1.25	25.0	ug/L
Q2639-06	OU4-TS-40-071725	Water	Zinc	2250	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-41-071725									
Q2639-08	OU4-TS-41-071725	Water	Antimony	8.85	JD	0.55	1.25	10.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Arsenic	61.0	D	4.45	12.5	50.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Barium	98.1	D	1.05	6.25	50.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Beryllium	2.40	JD	1.60	3.75	5.00	ug/L
Q2639-08	OU4-TS-41-071725	Water	Cadmium	15.2	D	1.70	2.50	5.00	ug/L
Q2639-08	OU4-TS-41-071725	Water	Chromium	214	D	1.05	3.75	10.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Copper	1710	D	1.50	7.50	10.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Lead	292	D	5.25	18.8	25.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Nickel	255	D	1.35	3.75	5.00	ug/L
Q2639-08	OU4-TS-41-071725	Water	Mercury	0.076	J	0.076	0.16	0.20	ug/L
Q2639-08	OU4-TS-41-071725	Water	Silver	2.00	JD	0.30	2.50	5.00	ug/L
Q2639-08	OU4-TS-41-071725	Water	Thallium	2.00	JD	1.50	12.5	25.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Vanadium	252	D	0.39	1.25	25.0	ug/L
Q2639-08	OU4-TS-41-071725	Water	Zinc	2000	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-42-071725									
Q2639-10	OU4-TS-42-071725	Water	Antimony	6.00	JD	0.55	1.25	10.0	ug/L
Q2639-10	OU4-TS-42-071725	Water	Arsenic	46.8	D	0.45	1.25	5.00	ug/L
Q2639-10	OU4-TS-42-071725	Water	Barium	127	D	1.05	6.25	50.0	ug/L
Q2639-10	OU4-TS-42-071725	Water	Cadmium	13.7	D	1.70	2.50	5.00	ug/L
Q2639-10	OU4-TS-42-071725	Water	Chromium	50.4	D	1.05	3.75	10.0	ug/L
Q2639-10	OU4-TS-42-071725	Water	Copper	299	D	1.50	7.50	10.0	ug/L
Q2639-10	OU4-TS-42-071725	Water	Lead	71.0	D	10.5	37.5	50.0	ug/L
Q2639-10	OU4-TS-42-071725	Water	Nickel	239	D	1.35	3.75	5.00	ug/L
Q2639-10	OU4-TS-42-071725	Water	Silver	1.05	JD	0.30	2.50	5.00	ug/L
Q2639-10	OU4-TS-42-071725	Water	Vanadium	74.2	D	0.39	1.25	25.0	ug/L
Q2639-10	OU4-TS-42-071725	Water	Zinc	2420	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-43-071725									
Q2639-12	OU4-TS-43-071725	Water	Antimony	5.85	JD	0.55	1.25	10.0	ug/L
Q2639-12	OU4-TS-43-071725	Water	Arsenic	66.6	D	0.45	1.25	5.00	ug/L
Q2639-12	OU4-TS-43-071725	Water	Barium	127	D	1.05	6.25	50.0	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q2639	Order ID:	Q2639
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-12	OU4-TS-43-071725	Water	Cadmium	12.5	D	1.70	2.50	5.00	ug/L
Q2639-12	OU4-TS-43-071725	Water	Chromium	59.3	D	1.05	3.75	10.0	ug/L
Q2639-12	OU4-TS-43-071725	Water	Copper	357	D	1.50	7.50	10.0	ug/L
Q2639-12	OU4-TS-43-071725	Water	Lead	73.0	D	10.5	37.5	50.0	ug/L
Q2639-12	OU4-TS-43-071725	Water	Nickel	235	D	1.35	3.75	5.00	ug/L
Q2639-12	OU4-TS-43-071725	Water	Silver	1.00	JD	0.30	2.50	5.00	ug/L
Q2639-12	OU4-TS-43-071725	Water	Vanadium	117	D	0.39	1.25	25.0	ug/L
Q2639-12	OU4-TS-43-071725	Water	Zinc	2390	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-44-071725									
Q2639-14	OU4-TS-44-071725	Water	Antimony	1.50	JD	0.55	1.25	10.0	ug/L
Q2639-14	OU4-TS-44-071725	Water	Arsenic	65.5	D	4.45	12.5	50.0	ug/L
Q2639-14	OU4-TS-44-071725	Water	Barium	123	D	1.05	6.25	50.0	ug/L
Q2639-14	OU4-TS-44-071725	Water	Cadmium	9.95	D	1.70	2.50	5.00	ug/L
Q2639-14	OU4-TS-44-071725	Water	Chromium	40.4	D	1.05	3.75	10.0	ug/L
Q2639-14	OU4-TS-44-071725	Water	Copper	267	D	1.50	7.50	10.0	ug/L
Q2639-14	OU4-TS-44-071725	Water	Lead	64.0	D	10.5	37.5	50.0	ug/L
Q2639-14	OU4-TS-44-071725	Water	Nickel	175	D	1.35	3.75	5.00	ug/L
Q2639-14	OU4-TS-44-071725	Water	Silver	0.55	JD	0.30	2.50	5.00	ug/L
Q2639-14	OU4-TS-44-071725	Water	Vanadium	106	D	0.39	1.25	25.0	ug/L
Q2639-14	OU4-TS-44-071725	Water	Zinc	1950	D	6.25	7.50	25.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-02	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	12.5	DN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7440-38-2	Arsenic	54.0	D	50	4.45	12.5	50.0	ug/L	07/21/25 11:30	07/24/25 13:06	6020B	3010A
7440-39-3	Barium	91.4	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7440-41-7	Beryllium	4.05	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7440-43-9	Cadmium	18.7	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7440-47-3	Chromium	207	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7440-50-8	Copper	1880	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7439-92-1	Lead	273	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 21:32	6020B	3010A
7439-97-6	Mercury	0.19	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:06	7470A	
7440-02-0	Nickel	287	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:06	6020B	3010A
7440-22-4	Silver	2.25	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7440-28-0	Thallium	2.00	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 21:32	6020B	3010A
7440-62-2	Vanadium	246	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	3010A
7440-66-6	Zinc	2370	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 18:07	6020B	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-04	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	8.40	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-38-2	Arsenic	47.6	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-39-3	Barium	88.4	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-43-9	Cadmium	14.3	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-47-3	Chromium	193	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-50-8	Copper	1520	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7439-92-1	Lead	265	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 21:35	6020B	3010A
7439-97-6	Mercury	0.11	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:08	7470A	
7440-02-0	Nickel	230	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:09	6020B	3010A
7440-22-4	Silver	1.90	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-28-0	Thallium	1.75	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 21:35	6020B	3010A
7440-62-2	Vanadium	223	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	3010A
7440-66-6	Zinc	1980	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 18:11	6020B	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-06	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	9.00	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7440-38-2	Arsenic	54.5	D	50	4.45	12.5	50.0	ug/L	07/21/25 11:30	07/24/25 13:12	6020B	3010A
7440-39-3	Barium	96.2	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7440-41-7	Beryllium	4.20	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7440-43-9	Cadmium	16.5	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7440-47-3	Chromium	196	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7440-50-8	Copper	1780	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7439-92-1	Lead	265	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 21:38	6020B	3010A
7439-97-6	Mercury	0.092	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:10	7470A	
7440-02-0	Nickel	265	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:12	6020B	3010A
7440-22-4	Silver	2.05	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7440-28-0	Thallium	1.75	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 21:38	6020B	3010A
7440-62-2	Vanadium	234	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	3010A
7440-66-6	Zinc	2250	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 18:14	6020B	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-08	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	8.85	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7440-38-2	Arsenic	61.0	D	50	4.45	12.5	50.0	ug/L	07/21/25 11:30	07/24/25 13:16	6020B	3010A
7440-39-3	Barium	98.1	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7440-41-7	Beryllium	2.40	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7440-43-9	Cadmium	15.2	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7440-47-3	Chromium	214	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7440-50-8	Copper	1710	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7439-92-1	Lead	292	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 21:41	6020B	3010A
7439-97-6	Mercury	0.076	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:12	7470A	
7440-02-0	Nickel	255	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:16	6020B	3010A
7440-22-4	Silver	2.00	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7440-28-0	Thallium	2.00	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 21:41	6020B	3010A
7440-62-2	Vanadium	252	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	3010A
7440-66-6	Zinc	2000	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 18:17	6020B	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-10	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	6.00	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-38-2	Arsenic	46.8	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-39-3	Barium	127	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-43-9	Cadmium	13.7	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-47-3	Chromium	50.4	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-50-8	Copper	299	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7439-92-1	Lead	71.0	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 13:19	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:15	7470A	
7440-02-0	Nickel	239	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:19	6020B	3010A
7440-22-4	Silver	1.05	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-28-0	Thallium	25.0	UDN	50	3.00	25.0	50.0	ug/L	07/21/25 11:30	07/24/25 13:19	6020B	3010A
7440-62-2	Vanadium	74.2	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	3010A
7440-66-6	Zinc	2420	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 18:20	6020B	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-12	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	5.85	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-38-2	Arsenic	66.6	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-39-3	Barium	127	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-43-9	Cadmium	12.5	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-47-3	Chromium	59.3	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-50-8	Copper	357	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7439-92-1	Lead	73.0	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 13:30	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:17	7470A	
7440-02-0	Nickel	235	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:30	6020B	3010A
7440-22-4	Silver	1.00	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-28-0	Thallium	25.0	UDN	50	3.00	25.0	50.0	ug/L	07/21/25 11:30	07/24/25 13:30	6020B	3010A
7440-62-2	Vanadium	117	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A
7440-66-6	Zinc	2390	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 18:23	6020B	3010A

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

U = Not Detected

LOQ = Limit of Quantitation

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N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-14	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	1.50	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7440-38-2	Arsenic	65.5	D	50	4.45	12.5	50.0	ug/L	07/21/25 11:30	07/24/25 13:34	6020B	3010A
7440-39-3	Barium	123	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7440-43-9	Cadmium	9.95	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7440-47-3	Chromium	40.4	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7440-50-8	Copper	267	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7439-92-1	Lead	64.0	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 13:34	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:19	7470A	
7440-02-0	Nickel	175	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:34	6020B	3010A
7440-22-4	Silver	0.55	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7440-28-0	Thallium	25.0	UDN	50	3.00	25.0	50.0	ug/L	07/21/25 11:30	07/24/25 13:34	6020B	3010A
7440-62-2	Vanadium	106	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	3010A
7440-66-6	Zinc	1950	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 18:26	6020B	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:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-02	OU4-TS-38-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-04	OU4-TS-39-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-06	OU4-TS-40-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-08	OU4-TS-41-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-10	OU4-TS-42-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-12	OU4-TS-43-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2639-14	OU4-TS-44-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	

LAB CHRONICLE

SPLP MetalGroup3	6020B	07/21/25	07/22/25
SPLP MetalGroup3	6020B	07/21/25	07/24/25



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 11:40
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-01	Matrix:	SOIL
		% Solid:	80.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.10	J	1	0.051	0.24	0.30	mg/Kg	07/18/25 13:00	07/21/25 10:33	9012B

Comments: _____

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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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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 11:50
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
		% Solid:	81

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.24	U	1	0.051	0.24	0.30	mg/Kg	07/18/25 13:00	07/21/25 10:33	9012B

Comments:

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

Client:	Nobis Group	Date Collected:	07/17/25 12:00
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
		% Solid:	80.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.25	U	1	0.052	0.25	0.31	mg/Kg	07/18/25 13:00	07/21/25 10:33	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

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

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 12:10
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-07	Matrix:	SOIL
		% Solid:	82

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.23	U	1	0.049	0.23	0.29	mg/Kg	07/18/25 13:00	07/21/25 10:41	9012B

Comments:

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 12:20
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-09	Matrix:	SOIL
		% Solid:	60.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.33	U	1	0.069	0.33	0.41	mg/Kg	07/18/25 13:00	07/21/25 10:41	9012B

Comments:

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LOD = Limit of Detection
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H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 12:30
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
		% Solid:	58

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.33	U	1	0.070	0.33	0.41	mg/Kg	07/18/25 13:00	07/21/25 10:41	9012B

Comments:

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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:	07/17/25 12:40
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-13	Matrix:	SOIL
		% Solid:	64.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.069	J	1	0.063	0.30	0.38	mg/Kg	07/18/25 13:00	07/21/25 10:41	9012B

Comments:

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LOD = Limit of Detection

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LAB CHRONICLE

OrderID:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL			07/17/25 11:40			07/18/25
			Cyanide	9012B		07/18/25	07/21/25 10:33	
Q2639-03	OU4-TS-39-071725	SOIL			07/17/25 11:50			07/18/25
			Cyanide	9012B		07/18/25	07/21/25 10:33	
Q2639-05	OU4-TS-40-071725	SOIL			07/17/25 12:00			07/18/25
			Cyanide	9012B		07/18/25	07/21/25 10:33	
Q2639-07	OU4-TS-41-071725	SOIL			07/17/25 12:10			07/18/25
			Cyanide	9012B		07/18/25	07/21/25 10:41	
Q2639-09	OU4-TS-42-071725	SOIL			07/17/25 12:20			07/18/25
			Cyanide	9012B		07/18/25	07/21/25 10:41	
Q2639-11	OU4-TS-43-071725	SOIL			07/17/25 12:30			07/18/25
			Cyanide	9012B		07/18/25	07/21/25 10:41	
Q2639-13	OU4-TS-44-071725	SOIL			07/17/25 12:40			07/18/25
			Cyanide	9012B		07/18/25	07/21/25 10:41	