



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

SDG No.: Q2638
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-31-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.4	
Sample Wt/Vol:	4.51	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023001.D	1	07/18/25 16:38	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0065	U	0.0018	0.0065	0.0081	mg/Kg
74-87-3	Chloromethane	0.0041	U	0.0018	0.0041	0.0081	mg/Kg
75-01-4	Vinyl Chloride	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
74-83-9	Bromomethane	0.0065	U	0.0017	0.0065	0.0081	mg/Kg
75-00-3	Chloroethane	0.0041	U	0.0020	0.0041	0.0081	mg/Kg
109-99-9	Tetrahydrofuran	0.020	U	0.0076	0.020	0.041	mg/Kg
75-69-4	Trichlorofluoromethane	0.0065	U	0.0020	0.0065	0.0081	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0041	U	0.0017	0.0041	0.0081	mg/Kg
75-35-4	1,1-Dichloroethene	0.0041	U	0.0016	0.0041	0.0081	mg/Kg
107-13-1	Acrylonitrile	0.020	U	0.0081	0.020	0.041	mg/Kg
67-64-1	Acetone	0.032	U	0.0077	0.032	0.041	mg/Kg
75-15-0	Carbon Disulfide	0.0065	U	0.0017	0.0065	0.0081	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0041	U	0.0012	0.0041	0.0081	mg/Kg
75-09-2	Methylene Chloride	0.013	U	0.0057	0.013	0.016	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0041	U	0.0014	0.0041	0.0081	mg/Kg
75-34-3	1,1-Dichloroethane	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
78-93-3	2-Butanone	0.032	U	0.011	0.032	0.041	mg/Kg
56-23-5	Carbon Tetrachloride	0.0041	U	0.0016	0.0041	0.0081	mg/Kg
594-20-7	2,2-Dichloropropane	0.0065	U	0.0021	0.0065	0.0081	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0041	U	0.0012	0.0041	0.0081	mg/Kg
67-66-3	Chloroform	0.0065	U	0.0014	0.0065	0.0081	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0041	U	0.0015	0.0041	0.0081	mg/Kg
563-58-6	1,1-Dichloropropene	0.0041	U	0.0014	0.0041	0.0081	mg/Kg
71-43-2	Benzene	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
107-06-2	1,2-Dichloroethane	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
79-01-6	Trichloroethene	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
78-87-5	1,2-Dichloropropane	0.0041	U	0.0015	0.0041	0.0081	mg/Kg
74-95-3	Dibromomethane	0.0041	U	0.0014	0.0041	0.0081	mg/Kg
75-27-4	Bromodichloromethane	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.020	U	0.0058	0.020	0.041	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-31-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.4	
Sample Wt/Vol:	4.51	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023001.D	1	07/18/25 16:38	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0041	U	0.0011	0.0041	0.0081	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0041	U	0.0010	0.0041	0.0081	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0041	U	0.0015	0.0041	0.0081	mg/Kg
142-28-9	1,3-Dichloropropane	0.0041	U	0.0011	0.0041	0.0081	mg/Kg
591-78-6	2-Hexanone	0.020	U	0.0060	0.020	0.041	mg/Kg
124-48-1	Dibromochloromethane	0.0041	U	0.0014	0.0041	0.0081	mg/Kg
106-93-4	1,2-Dibromoethane	0.0041	U	0.0014	0.0041	0.0081	mg/Kg
127-18-4	Tetrachloroethene	0.0041	U	0.0017	0.0041	0.0081	mg/Kg
108-90-7	Chlorobenzene	0.0041	U	0.0015	0.0041	0.0081	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0041	U	0.0012	0.0041	0.0081	mg/Kg
100-41-4	Ethyl Benzene	0.0041	U	0.0011	0.0041	0.0081	mg/Kg
1330-20-7	Total Xylenes	0.012	U	0.0033	0.012	0.024	mg/Kg
179601-23-1	m/p-Xylenes	0.0081	U	0.0020	0.0081	0.016	mg/Kg
95-47-6	o-Xylene	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
100-42-5	Styrene	0.0041	U	0.0012	0.0041	0.0081	mg/Kg
75-25-2	Bromoform	0.0041	U	0.0014	0.0041	0.0081	mg/Kg
98-82-8	Isopropylbenzene	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0041	U	0.0020	0.0041	0.0081	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0065	U	0.0020	0.0065	0.0081	mg/Kg
108-86-1	Bromobenzene	0.0041	U	0.0019	0.0041	0.0081	mg/Kg
103-65-1	n-propylbenzene	0.0041	U	0.0012	0.0041	0.0081	mg/Kg
95-49-8	2-Chlorotoluene	0.0041	U	0.0011	0.0041	0.0081	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0041	U	0.0013	0.0041	0.0081	mg/Kg
106-43-4	4-Chlorotoluene	0.0041	U	0.0020	0.0041	0.0081	mg/Kg
98-06-6	tert-Butylbenzene	0.0041	U	0.0011	0.0041	0.0081	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0041	U	0.0010	0.0041	0.0081	mg/Kg
135-98-8	sec-Butylbenzene	0.0041	U	0.0011	0.0041	0.0081	mg/Kg
99-87-6	p-Isopropyltoluene	0.0041	U	0.0010	0.0041	0.0081	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0041	U	0.0028	0.0041	0.0081	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0041	U	0.0025	0.0041	0.0081	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-31-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.4	
Sample Wt/Vol:	4.51	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023001.D	1	07/18/25 16:38	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0041	U	0.0024	0.0041	0.0081	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0041	U	0.0024	0.0041	0.0081	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0065	U	0.0030	0.0065	0.0081	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0065	U	0.0048	0.0065	0.0081	mg/Kg
87-68-3	Hexachlorobutadiene	0.0041	U	0.0031	0.0041	0.0081	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0065	U	0.0052	0.0065	0.0081	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0041	U	0.0017	0.0041	0.0081	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.8		71 - 136		124%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	47.1		85 - 116		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		79 - 119		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	302000	7.707				
540-36-3	1,4-Difluorobenzene	526000	8.61				
3114-55-4	Chlorobenzene-d5	499000	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-32-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	65.1	
Sample Wt/Vol:	4.6	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023002.D	1	07/18/25 17:01	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0067	U	0.0019	0.0067	0.0083	mg/Kg
74-87-3	Chloromethane	0.0042	U	0.0019	0.0042	0.0083	mg/Kg
75-01-4	Vinyl Chloride	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
74-83-9	Bromomethane	0.0067	U	0.0018	0.0067	0.0083	mg/Kg
75-00-3	Chloroethane	0.0042	U	0.0021	0.0042	0.0083	mg/Kg
109-99-9	Tetrahydrofuran	0.021	U	0.0078	0.021	0.042	mg/Kg
75-69-4	Trichlorofluoromethane	0.0067	U	0.0020	0.0067	0.0083	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0042	U	0.0018	0.0042	0.0083	mg/Kg
75-35-4	1,1-Dichloroethene	0.0042	U	0.0017	0.0042	0.0083	mg/Kg
107-13-1	Acrylonitrile	0.021	U	0.0083	0.021	0.042	mg/Kg
67-64-1	Acetone	0.033	U	0.0079	0.033	0.042	mg/Kg
75-15-0	Carbon Disulfide	0.0067	U	0.0018	0.0067	0.0083	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0042	U	0.0012	0.0042	0.0083	mg/Kg
75-09-2	Methylene Chloride	0.013	U	0.0059	0.013	0.017	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0042	U	0.0014	0.0042	0.0083	mg/Kg
75-34-3	1,1-Dichloroethane	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
78-93-3	2-Butanone	0.033	U	0.011	0.033	0.042	mg/Kg
56-23-5	Carbon Tetrachloride	0.0042	U	0.0016	0.0042	0.0083	mg/Kg
594-20-7	2,2-Dichloropropane	0.0067	U	0.0021	0.0067	0.0083	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
67-66-3	Chloroform	0.0067	U	0.0014	0.0067	0.0083	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0042	U	0.0016	0.0042	0.0083	mg/Kg
563-58-6	1,1-Dichloropropene	0.0042	U	0.0015	0.0042	0.0083	mg/Kg
71-43-2	Benzene	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
107-06-2	1,2-Dichloroethane	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
79-01-6	Trichloroethene	0.0042	U	0.0014	0.0042	0.0083	mg/Kg
78-87-5	1,2-Dichloropropane	0.0042	U	0.0015	0.0042	0.0083	mg/Kg
74-95-3	Dibromomethane	0.0042	U	0.0015	0.0042	0.0083	mg/Kg
75-27-4	Bromodichloromethane	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.021	U	0.0060	0.021	0.042	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-32-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.1
Sample Wt/Vol:	4.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023002.D	1	07/18/25 17:01	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0042	U	0.0011	0.0042	0.0083	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0042	U	0.0010	0.0042	0.0083	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0042	U	0.0015	0.0042	0.0083	mg/Kg
142-28-9	1,3-Dichloropropane	0.0042	U	0.0011	0.0042	0.0083	mg/Kg
591-78-6	2-Hexanone	0.021	U	0.0062	0.021	0.042	mg/Kg
124-48-1	Dibromochloromethane	0.0042	U	0.0015	0.0042	0.0083	mg/Kg
106-93-4	1,2-Dibromoethane	0.0042	U	0.0015	0.0042	0.0083	mg/Kg
127-18-4	Tetrachloroethene	0.0042	U	0.0018	0.0042	0.0083	mg/Kg
108-90-7	Chlorobenzene	0.0042	U	0.0015	0.0042	0.0083	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
100-41-4	Ethyl Benzene	0.0042	U	0.0011	0.0042	0.0083	mg/Kg
1330-20-7	Total Xylenes	0.013	U	0.0035	0.013	0.025	mg/Kg
179601-23-1	m/p-Xylenes	0.0083	U	0.0021	0.0083	0.017	mg/Kg
95-47-6	o-Xylene	0.0042	U	0.0014	0.0042	0.0083	mg/Kg
100-42-5	Styrene	0.0042	U	0.0012	0.0042	0.0083	mg/Kg
75-25-2	Bromoform	0.0042	U	0.0014	0.0042	0.0083	mg/Kg
98-82-8	Isopropylbenzene	0.0042	U	0.0013	0.0042	0.0083	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0042	U	0.0020	0.0042	0.0083	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0067	U	0.0021	0.0067	0.0083	mg/Kg
108-86-1	Bromobenzene	0.0042	U	0.0020	0.0042	0.0083	mg/Kg
103-65-1	n-propylbenzene	0.0042	U	0.0012	0.0042	0.0083	mg/Kg
95-49-8	2-Chlorotoluene	0.0042	U	0.0011	0.0042	0.0083	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0042	U	0.0014	0.0042	0.0083	mg/Kg
106-43-4	4-Chlorotoluene	0.0042	U	0.0020	0.0042	0.0083	mg/Kg
98-06-6	tert-Butylbenzene	0.0042	U	0.0011	0.0042	0.0083	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0042	U	0.0011	0.0042	0.0083	mg/Kg
135-98-8	sec-Butylbenzene	0.0042	U	0.0011	0.0042	0.0083	mg/Kg
99-87-6	p-Isopropyltoluene	0.0042	U	0.0010	0.0042	0.0083	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0042	U	0.0029	0.0042	0.0083	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0042	U	0.0026	0.0042	0.0083	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-32-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-03		Matrix:	SOIL	
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Sample Wt/Vol:	4.6	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
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VY023002.D	1	07/18/25 17:01	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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95-50-1	1,2-Dichlorobenzene	0.0042	U	0.0024	0.0042	0.0083	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0067	U	0.0031	0.0067	0.0083	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0067	U	0.0050	0.0067	0.0083	mg/Kg
87-68-3	Hexachlorobutadiene	0.0042	U	0.0032	0.0042	0.0083	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0067	U	0.0053	0.0067	0.0083	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0042	U	0.0018	0.0042	0.0083	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	65.5		71 - 136		131%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	46.9		85 - 116		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		79 - 119		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	293000	7.707				
540-36-3	1,4-Difluorobenzene	519000	8.61				
3114-55-4	Chlorobenzene-d5	489000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	220000	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

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() = Laboratory InHouse Limit

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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-33-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	64.7	
Sample Wt/Vol:	4.25	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
VY023003.D	1	07/18/25 17:23	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0073	U	0.0021	0.0073	0.0091	mg/Kg
74-87-3	Chloromethane	0.0045	U	0.0021	0.0045	0.0091	mg/Kg
75-01-4	Vinyl Chloride	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
74-83-9	Bromomethane	0.0073	U	0.0019	0.0073	0.0091	mg/Kg
75-00-3	Chloroethane	0.0045	U	0.0023	0.0045	0.0091	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	0.0091	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0045	U	0.0019	0.0045	0.0091	mg/Kg
75-35-4	1,1-Dichloroethene	0.0045	U	0.0018	0.0045	0.0091	mg/Kg
107-13-1	Acrylonitrile	0.023	U	0.0091	0.023	0.046	mg/Kg
67-64-1	Acetone	0.036	U	0.0086	0.036	0.046	mg/Kg
75-15-0	Carbon Disulfide	0.0073	U	0.0019	0.0073	0.0091	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0045	U	0.0013	0.0045	0.0091	mg/Kg
75-09-2	Methylene Chloride	0.015	U	0.0064	0.015	0.018	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0045	U	0.0016	0.0045	0.0091	mg/Kg
75-34-3	1,1-Dichloroethane	0.0045	U	0.0015	0.0045	0.0091	mg/Kg
78-93-3	2-Butanone	0.036	U	0.012	0.036	0.046	mg/Kg
56-23-5	Carbon Tetrachloride	0.0045	U	0.0018	0.0045	0.0091	mg/Kg
594-20-7	2,2-Dichloropropane	0.0073	U	0.0023	0.0073	0.0091	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
67-66-3	Chloroform	0.0073	U	0.0015	0.0073	0.0091	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0045	U	0.0017	0.0045	0.0091	mg/Kg
563-58-6	1,1-Dichloropropene	0.0045	U	0.0016	0.0045	0.0091	mg/Kg
71-43-2	Benzene	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
107-06-2	1,2-Dichloroethane	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
79-01-6	Trichloroethene	0.0045	U	0.0015	0.0045	0.0091	mg/Kg
78-87-5	1,2-Dichloropropane	0.0045	U	0.0017	0.0045	0.0091	mg/Kg
74-95-3	Dibromomethane	0.0045	U	0.0016	0.0045	0.0091	mg/Kg
75-27-4	Bromodichloromethane	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.023	U	0.0065	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-33-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	64.7	
Sample Wt/Vol:	4.25	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
VY023003.D	1	07/18/25 17:23	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0045	U	0.0012	0.0045	0.0091	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0045	U	0.0011	0.0045	0.0091	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0045	U	0.0017	0.0045	0.0091	mg/Kg
142-28-9	1,3-Dichloropropane	0.0045	U	0.0012	0.0045	0.0091	mg/Kg
591-78-6	2-Hexanone	0.023	U	0.0067	0.023	0.046	mg/Kg
124-48-1	Dibromochloromethane	0.0045	U	0.0016	0.0045	0.0091	mg/Kg
106-93-4	1,2-Dibromoethane	0.0045	U	0.0016	0.0045	0.0091	mg/Kg
127-18-4	Tetrachloroethene	0.0045	U	0.0019	0.0045	0.0091	mg/Kg
108-90-7	Chlorobenzene	0.0045	U	0.0017	0.0045	0.0091	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
100-41-4	Ethyl Benzene	0.0045	U	0.0012	0.0045	0.0091	mg/Kg
1330-20-7	Total Xylenes	0.014	U	0.0038	0.014	0.027	mg/Kg
179601-23-1	m/p-Xylenes	0.0091	U	0.0023	0.0091	0.018	mg/Kg
95-47-6	o-Xylene	0.0045	U	0.0015	0.0045	0.0091	mg/Kg
100-42-5	Styrene	0.0045	U	0.0013	0.0045	0.0091	mg/Kg
75-25-2	Bromoform	0.0045	U	0.0016	0.0045	0.0091	mg/Kg
98-82-8	Isopropylbenzene	0.0045	U	0.0014	0.0045	0.0091	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0045	U	0.0022	0.0045	0.0091	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0073	U	0.0023	0.0073	0.0091	mg/Kg
108-86-1	Bromobenzene	0.0045	U	0.0022	0.0045	0.0091	mg/Kg
103-65-1	n-propylbenzene	0.0045	U	0.0013	0.0045	0.0091	mg/Kg
95-49-8	2-Chlorotoluene	0.0045	U	0.0012	0.0045	0.0091	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0045	U	0.0015	0.0045	0.0091	mg/Kg
106-43-4	4-Chlorotoluene	0.0045	U	0.0022	0.0045	0.0091	mg/Kg
98-06-6	tert-Butylbenzene	0.0045	U	0.0012	0.0045	0.0091	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0045	U	0.0012	0.0045	0.0091	mg/Kg
135-98-8	sec-Butylbenzene	0.0045	U	0.0012	0.0045	0.0091	mg/Kg
99-87-6	p-Isopropyltoluene	0.0045	U	0.0011	0.0045	0.0091	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.0031	0.0045	0.0091	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0045	U	0.0028	0.0045	0.0091	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-33-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	64.7	
Sample Wt/Vol:	4.25	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
VY023003.D	1	07/18/25 17:23	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0045	U	0.0026	0.0045	0.0091	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0045	U	0.0026	0.0045	0.0091	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0073	U	0.0033	0.0073	0.0091	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0073	U	0.0054	0.0073	0.0091	mg/Kg
87-68-3	Hexachlorobutadiene	0.0045	U	0.0035	0.0045	0.0091	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0073	U	0.0058	0.0073	0.0091	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0045	U	0.0019	0.0045	0.0091	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	65.9		71 - 136		132%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	47.7		85 - 116		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		79 - 119		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	293000	7.707				
540-36-3	1,4-Difluorobenzene	518000	8.616				
3114-55-4	Chlorobenzene-d5	504000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	236000	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-34-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.5	
Sample Wt/Vol:	4.27	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
VY023004.D	1	07/18/25 17:46	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0068	U	0.0019	0.0068	0.0085	mg/Kg
74-87-3	Chloromethane	0.0043	U	0.0019	0.0043	0.0085	mg/Kg
75-01-4	Vinyl Chloride	0.0043	U	0.0014	0.0043	0.0085	mg/Kg
74-83-9	Bromomethane	0.0068	U	0.0018	0.0068	0.0085	mg/Kg
75-00-3	Chloroethane	0.0043	U	0.0022	0.0043	0.0085	mg/Kg
109-99-9	Tetrahydrofuran	0.021	U	0.0080	0.021	0.043	mg/Kg
75-69-4	Trichlorofluoromethane	0.0068	U	0.0021	0.0068	0.0085	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0043	U	0.0018	0.0043	0.0085	mg/Kg
75-35-4	1,1-Dichloroethene	0.0043	U	0.0017	0.0043	0.0085	mg/Kg
107-13-1	Acrylonitrile	0.021	U	0.0085	0.021	0.043	mg/Kg
67-64-1	Acetone	0.034	U	0.0081	0.034	0.043	mg/Kg
75-15-0	Carbon Disulfide	0.0068	U	0.0018	0.0068	0.0085	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0043	U	0.0012	0.0043	0.0085	mg/Kg
75-09-2	Methylene Chloride	0.014	U	0.0060	0.014	0.017	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0043	U	0.0015	0.0043	0.0085	mg/Kg
75-34-3	1,1-Dichloroethane	0.0043	U	0.0014	0.0043	0.0085	mg/Kg
78-93-3	2-Butanone	0.034	U	0.011	0.034	0.043	mg/Kg
56-23-5	Carbon Tetrachloride	0.0043	U	0.0017	0.0043	0.0085	mg/Kg
594-20-7	2,2-Dichloropropane	0.0068	U	0.0022	0.0068	0.0085	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0043	U	0.0013	0.0043	0.0085	mg/Kg
67-66-3	Chloroform	0.0068	U	0.0014	0.0068	0.0085	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0043	U	0.0016	0.0043	0.0085	mg/Kg
563-58-6	1,1-Dichloropropene	0.0043	U	0.0015	0.0043	0.0085	mg/Kg
71-43-2	Benzene	0.0043	U	0.0014	0.0043	0.0085	mg/Kg
107-06-2	1,2-Dichloroethane	0.0043	U	0.0014	0.0043	0.0085	mg/Kg
79-01-6	Trichloroethene	0.0043	U	0.0014	0.0043	0.0085	mg/Kg
78-87-5	1,2-Dichloropropane	0.0043	U	0.0016	0.0043	0.0085	mg/Kg
74-95-3	Dibromomethane	0.0043	U	0.0015	0.0043	0.0085	mg/Kg
75-27-4	Bromodichloromethane	0.0043	U	0.0013	0.0043	0.0085	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.021	U	0.0061	0.021	0.043	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-34-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.5	
Sample Wt/Vol:	4.27	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
VY023004.D	1	07/18/25 17:46	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0043	U	0.0013	0.0043	0.0085	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0043	U	0.0011	0.0043	0.0085	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0043	U	0.0011	0.0043	0.0085	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0043	U	0.0016	0.0043	0.0085	mg/Kg
142-28-9	1,3-Dichloropropane	0.0043	U	0.0012	0.0043	0.0085	mg/Kg
591-78-6	2-Hexanone	0.021	U	0.0063	0.021	0.043	mg/Kg
124-48-1	Dibromochloromethane	0.0043	U	0.0015	0.0043	0.0085	mg/Kg
106-93-4	1,2-Dibromoethane	0.0043	U	0.0015	0.0043	0.0085	mg/Kg
127-18-4	Tetrachloroethene	0.0043	U	0.0018	0.0043	0.0085	mg/Kg
108-90-7	Chlorobenzene	0.0043	U	0.0016	0.0043	0.0085	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0043	U	0.0013	0.0043	0.0085	mg/Kg
100-41-4	Ethyl Benzene	0.0043	U	0.0011	0.0043	0.0085	mg/Kg
1330-20-7	Total Xylenes	0.013	U	0.0035	0.013	0.026	mg/Kg
179601-23-1	m/p-Xylenes	0.0085	U	0.0021	0.0085	0.017	mg/Kg
95-47-6	o-Xylene	0.0043	U	0.0014	0.0043	0.0085	mg/Kg
100-42-5	Styrene	0.0043	U	0.0012	0.0043	0.0085	mg/Kg
75-25-2	Bromoform	0.0043	U	0.0015	0.0043	0.0085	mg/Kg
98-82-8	Isopropylbenzene	0.0043	U	0.0013	0.0043	0.0085	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0043	U	0.0021	0.0043	0.0085	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0068	U	0.0021	0.0068	0.0085	mg/Kg
108-86-1	Bromobenzene	0.0043	U	0.0021	0.0043	0.0085	mg/Kg
103-65-1	n-propylbenzene	0.0043	U	0.0012	0.0043	0.0085	mg/Kg
95-49-8	2-Chlorotoluene	0.0043	U	0.0012	0.0043	0.0085	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0043	U	0.0014	0.0043	0.0085	mg/Kg
106-43-4	4-Chlorotoluene	0.0043	U	0.0021	0.0043	0.0085	mg/Kg
98-06-6	tert-Butylbenzene	0.0043	U	0.0011	0.0043	0.0085	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0043	U	0.0011	0.0043	0.0085	mg/Kg
135-98-8	sec-Butylbenzene	0.0043	U	0.0011	0.0043	0.0085	mg/Kg
99-87-6	p-Isopropyltoluene	0.0043	U	0.0011	0.0043	0.0085	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0043	U	0.0029	0.0043	0.0085	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0043	U	0.0027	0.0043	0.0085	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-34-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	68.5
Sample Wt/Vol:	4.27 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
VY023004.D	1	07/18/25 17:46	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0043	U	0.0025	0.0043	0.0085	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0043	U	0.0025	0.0043	0.0085	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0068	U	0.0031	0.0068	0.0085	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0068	U	0.0051	0.0068	0.0085	mg/Kg
87-68-3	Hexachlorobutadiene	0.0043	U	0.0032	0.0043	0.0085	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0068	U	0.0054	0.0068	0.0085	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0043	U	0.0018	0.0043	0.0085	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.3		71 - 136		125%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	47.7		85 - 116		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		79 - 119		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	325000	7.707				
540-36-3	1,4-Difluorobenzene	578000	8.616				
3114-55-4	Chlorobenzene-d5	548000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	238000	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-35-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-09		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	4.55	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
VY023019.D	1	07/21/25 12:16	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0053	U	0.0015	0.0053	0.0067	mg/Kg
74-87-3	Chloromethane	0.0033	U	0.0015	0.0033	0.0067	mg/Kg
75-01-4	Vinyl Chloride	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
74-83-9	Bromomethane	0.0053	U	0.0014	0.0053	0.0067	mg/Kg
75-00-3	Chloroethane	0.0033	U	0.0017	0.0033	0.0067	mg/Kg
109-99-9	Tetrahydrofuran	0.017	U	0.0062	0.017	0.033	mg/Kg
75-69-4	Trichlorofluoromethane	0.0053	U	0.0016	0.0053	0.0067	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0033	U	0.0014	0.0033	0.0067	mg/Kg
75-35-4	1,1-Dichloroethene	0.0033	U	0.0013	0.0033	0.0067	mg/Kg
107-13-1	Acrylonitrile	0.017	U	0.0066	0.017	0.033	mg/Kg
67-64-1	Acetone	0.027	U	0.0063	0.027	0.033	mg/Kg
75-15-0	Carbon Disulfide	0.0053	U	0.0014	0.0053	0.0067	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0033	U	0.00097	0.0033	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	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
75-34-3	1,1-Dichloroethane	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
78-93-3	2-Butanone	0.027	U	0.0087	0.027	0.033	mg/Kg
56-23-5	Carbon Tetrachloride	0.0033	U	0.0013	0.0033	0.0067	mg/Kg
594-20-7	2,2-Dichloropropane	0.0053	U	0.0017	0.0053	0.0067	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0033	U	0.0010	0.0033	0.0067	mg/Kg
67-66-3	Chloroform	0.0053	U	0.0011	0.0053	0.0067	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
563-58-6	1,1-Dichloropropene	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
71-43-2	Benzene	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
107-06-2	1,2-Dichloroethane	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
79-01-6	Trichloroethene	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
78-87-5	1,2-Dichloropropane	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
74-95-3	Dibromomethane	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
75-27-4	Bromodichloromethane	0.0033	U	0.0010	0.0033	0.0067	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0048	0.017	0.033	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-35-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-09		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	4.55	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
VY023019.D	1	07/21/25 12:16	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0033	U	0.0010	0.0033	0.0067	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0033	U	0.00087	0.0033	0.0067	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0033	U	0.00083	0.0033	0.0067	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
142-28-9	1,3-Dichloropropane	0.0033	U	0.00091	0.0033	0.0067	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0049	0.017	0.033	mg/Kg
124-48-1	Dibromochloromethane	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
106-93-4	1,2-Dibromoethane	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
127-18-4	Tetrachloroethene	0.0033	U	0.0014	0.0033	0.0067	mg/Kg
108-90-7	Chlorobenzene	0.0033	U	0.0012	0.0033	0.0067	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0033	U	0.0010	0.0033	0.0067	mg/Kg
100-41-4	Ethyl Benzene	0.0033	U	0.00089	0.0033	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	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
100-42-5	Styrene	0.0033	U	0.00095	0.0033	0.0067	mg/Kg
75-25-2	Bromoform	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
98-82-8	Isopropylbenzene	0.0033	U	0.0010	0.0033	0.0067	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0033	U	0.0016	0.0033	0.0067	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0053	U	0.0017	0.0053	0.0067	mg/Kg
108-86-1	Bromobenzene	0.0033	U	0.0016	0.0033	0.0067	mg/Kg
103-65-1	n-propylbenzene	0.0033	U	0.00097	0.0033	0.0067	mg/Kg
95-49-8	2-Chlorotoluene	0.0033	U	0.00091	0.0033	0.0067	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0033	U	0.0011	0.0033	0.0067	mg/Kg
106-43-4	4-Chlorotoluene	0.0033	U	0.0016	0.0033	0.0067	mg/Kg
98-06-6	tert-Butylbenzene	0.0033	U	0.00089	0.0033	0.0067	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0033	U	0.00085	0.0033	0.0067	mg/Kg
135-98-8	sec-Butylbenzene	0.0033	U	0.00088	0.0033	0.0067	mg/Kg
99-87-6	p-Isopropyltoluene	0.0033	U	0.00083	0.0033	0.0067	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0033	U	0.0023	0.0033	0.0067	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0033	U	0.0021	0.0033	0.0067	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-35-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-09		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	4.55	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
VY023019.D	1	07/21/25 12:16	VY072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0033	U	0.0019	0.0033	0.0067	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0033	U	0.0019	0.0033	0.0067	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	U	0.0025	0.0053	0.0067	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0053	U	0.0040	0.0053	0.0067	mg/Kg
87-68-3	Hexachlorobutadiene	0.0033	U	0.0025	0.0033	0.0067	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0053	U	0.0042	0.0053	0.0067	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0033	U	0.0014	0.0033	0.0067	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.3		71 - 136		115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	47.8		85 - 116		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	300000	7.707				
540-36-3	1,4-Difluorobenzene	561000	8.61				
3114-55-4	Chlorobenzene-d5	525000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	210000	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-36-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.9	
Sample Wt/Vol:	4.41	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
VY023006.D	1	07/18/25 18:32	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0055	U	0.0016	0.0055	0.0069	mg/Kg
74-87-3	Chloromethane	0.0035	U	0.0016	0.0035	0.0069	mg/Kg
75-01-4	Vinyl Chloride	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
74-83-9	Bromomethane	0.0055	U	0.0015	0.0055	0.0069	mg/Kg
75-00-3	Chloroethane	0.0035	U	0.0017	0.0035	0.0069	mg/Kg
109-99-9	Tetrahydrofuran	0.017	U	0.0065	0.017	0.035	mg/Kg
75-69-4	Trichlorofluoromethane	0.0055	U	0.0017	0.0055	0.0069	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0035	U	0.0015	0.0035	0.0069	mg/Kg
75-35-4	1,1-Dichloroethene	0.0035	U	0.0014	0.0035	0.0069	mg/Kg
107-13-1	Acrylonitrile	0.017	U	0.0069	0.017	0.035	mg/Kg
67-64-1	Acetone	0.028	U	0.0066	0.028	0.035	mg/Kg
75-15-0	Carbon Disulfide	0.0055	U	0.0015	0.0055	0.0069	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0035	U	0.0010	0.0035	0.0069	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0049	0.011	0.014	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0035	U	0.0012	0.0035	0.0069	mg/Kg
75-34-3	1,1-Dichloroethane	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
78-93-3	2-Butanone	0.028	U	0.0091	0.028	0.035	mg/Kg
56-23-5	Carbon Tetrachloride	0.0035	U	0.0013	0.0035	0.0069	mg/Kg
594-20-7	2,2-Dichloropropane	0.0055	U	0.0018	0.0055	0.0069	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0035	U	0.0010	0.0035	0.0069	mg/Kg
67-66-3	Chloroform	0.0055	U	0.0012	0.0055	0.0069	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0035	U	0.0013	0.0035	0.0069	mg/Kg
563-58-6	1,1-Dichloropropene	0.0035	U	0.0012	0.0035	0.0069	mg/Kg
71-43-2	Benzene	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
107-06-2	1,2-Dichloroethane	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
79-01-6	Trichloroethene	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
78-87-5	1,2-Dichloropropane	0.0035	U	0.0013	0.0035	0.0069	mg/Kg
74-95-3	Dibromomethane	0.0035	U	0.0012	0.0035	0.0069	mg/Kg
75-27-4	Bromodichloromethane	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0050	0.017	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-36-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.9	
Sample Wt/Vol:	4.41	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
VY023006.D	1	07/18/25 18:32	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0035	U	0.00090	0.0035	0.0069	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0035	U	0.00086	0.0035	0.0069	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0035	U	0.0013	0.0035	0.0069	mg/Kg
142-28-9	1,3-Dichloropropane	0.0035	U	0.00094	0.0035	0.0069	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0051	0.017	0.035	mg/Kg
124-48-1	Dibromochloromethane	0.0035	U	0.0012	0.0035	0.0069	mg/Kg
106-93-4	1,2-Dibromoethane	0.0035	U	0.0012	0.0035	0.0069	mg/Kg
127-18-4	Tetrachloroethene	0.0035	U	0.0015	0.0035	0.0069	mg/Kg
108-90-7	Chlorobenzene	0.0035	U	0.0013	0.0035	0.0069	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
100-41-4	Ethyl Benzene	0.0035	U	0.00093	0.0035	0.0069	mg/Kg
1330-20-7	Total Xylenes	0.010	U	0.0028	0.010	0.021	mg/Kg
179601-23-1	m/p-Xylenes	0.0069	U	0.0017	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
100-42-5	Styrene	0.0035	U	0.00098	0.0035	0.0069	mg/Kg
75-25-2	Bromoform	0.0035	U	0.0012	0.0035	0.0069	mg/Kg
98-82-8	Isopropylbenzene	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0035	U	0.0017	0.0035	0.0069	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0055	U	0.0017	0.0055	0.0069	mg/Kg
108-86-1	Bromobenzene	0.0035	U	0.0017	0.0035	0.0069	mg/Kg
103-65-1	n-propylbenzene	0.0035	U	0.0010	0.0035	0.0069	mg/Kg
95-49-8	2-Chlorotoluene	0.0035	U	0.00094	0.0035	0.0069	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0035	U	0.0011	0.0035	0.0069	mg/Kg
106-43-4	4-Chlorotoluene	0.0035	U	0.0017	0.0035	0.0069	mg/Kg
98-06-6	tert-Butylbenzene	0.0035	U	0.00093	0.0035	0.0069	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0035	U	0.00089	0.0035	0.0069	mg/Kg
135-98-8	sec-Butylbenzene	0.0035	U	0.00091	0.0035	0.0069	mg/Kg
99-87-6	p-Isopropyltoluene	0.0035	U	0.00086	0.0035	0.0069	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0035	U	0.0024	0.0035	0.0069	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0035	U	0.0022	0.0035	0.0069	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-36-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.9	
Sample Wt/Vol:	4.41	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
VY023006.D	1	07/18/25 18:32	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0035	U	0.0020	0.0035	0.0069	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0035	U	0.0020	0.0035	0.0069	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0055	U	0.0025	0.0055	0.0069	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0055	U	0.0041	0.0055	0.0069	mg/Kg
87-68-3	Hexachlorobutadiene	0.0035	U	0.0026	0.0035	0.0069	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0055	U	0.0044	0.0055	0.0069	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0035	U	0.0015	0.0035	0.0069	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	66.6		71 - 136		133%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	47.9		85 - 116		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		79 - 119		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	273000	7.713				
540-36-3	1,4-Difluorobenzene	490000	8.615				
3114-55-4	Chlorobenzene-d5	474000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	214000	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-37-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-13		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.2	
Sample Wt/Vol:	4.39	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
VY023007.D	1	07/18/25 18:55	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0056	U	0.0016	0.0056	0.0070	mg/Kg
74-87-3	Chloromethane	0.0035	U	0.0016	0.0035	0.0070	mg/Kg
75-01-4	Vinyl Chloride	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
74-83-9	Bromomethane	0.0056	U	0.0015	0.0056	0.0070	mg/Kg
75-00-3	Chloroethane	0.0035	U	0.0018	0.0035	0.0070	mg/Kg
109-99-9	Tetrahydrofuran	0.018	U	0.0066	0.018	0.035	mg/Kg
75-69-4	Trichlorofluoromethane	0.0056	U	0.0017	0.0056	0.0070	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0035	U	0.0015	0.0035	0.0070	mg/Kg
75-35-4	1,1-Dichloroethene	0.0035	U	0.0014	0.0035	0.0070	mg/Kg
107-13-1	Acrylonitrile	0.018	U	0.0070	0.018	0.035	mg/Kg
67-64-1	Acetone	0.028	U	0.0066	0.028	0.035	mg/Kg
75-15-0	Carbon Disulfide	0.0056	U	0.0015	0.0056	0.0070	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0035	U	0.0010	0.0035	0.0070	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	0.0070	mg/Kg
75-34-3	1,1-Dichloroethane	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
78-93-3	2-Butanone	0.028	U	0.0092	0.028	0.035	mg/Kg
56-23-5	Carbon Tetrachloride	0.0035	U	0.0014	0.0035	0.0070	mg/Kg
594-20-7	2,2-Dichloropropane	0.0056	U	0.0018	0.0056	0.0070	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
67-66-3	Chloroform	0.0056	U	0.0012	0.0056	0.0070	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0035	U	0.0013	0.0035	0.0070	mg/Kg
563-58-6	1,1-Dichloropropene	0.0035	U	0.0012	0.0035	0.0070	mg/Kg
71-43-2	Benzene	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
107-06-2	1,2-Dichloroethane	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
79-01-6	Trichloroethene	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
78-87-5	1,2-Dichloropropane	0.0035	U	0.0013	0.0035	0.0070	mg/Kg
74-95-3	Dibromomethane	0.0035	U	0.0012	0.0035	0.0070	mg/Kg
75-27-4	Bromodichloromethane	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.018	U	0.0050	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-37-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	81.2
Sample Wt/Vol:	4.39 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
VY023007.D	1	07/18/25 18:55	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0035	U	0.00091	0.0035	0.0070	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0035	U	0.00087	0.0035	0.0070	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0035	U	0.0013	0.0035	0.0070	mg/Kg
142-28-9	1,3-Dichloropropane	0.0035	U	0.00095	0.0035	0.0070	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	0.0070	mg/Kg
106-93-4	1,2-Dibromoethane	0.0035	U	0.0012	0.0035	0.0070	mg/Kg
127-18-4	Tetrachloroethene	0.0035	U	0.0015	0.0035	0.0070	mg/Kg
108-90-7	Chlorobenzene	0.0035	U	0.0013	0.0035	0.0070	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
100-41-4	Ethyl Benzene	0.0035	U	0.00094	0.0035	0.0070	mg/Kg
1330-20-7	Total Xylenes	0.011	U	0.0029	0.011	0.021	mg/Kg
179601-23-1	m/p-Xylenes	0.0070	U	0.0017	0.0070	0.014	mg/Kg
95-47-6	o-Xylene	0.0035	U	0.0012	0.0035	0.0070	mg/Kg
100-42-5	Styrene	0.0035	U	0.0010	0.0035	0.0070	mg/Kg
75-25-2	Bromoform	0.0035	U	0.0012	0.0035	0.0070	mg/Kg
98-82-8	Isopropylbenzene	0.0035	U	0.0011	0.0035	0.0070	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0035	U	0.0017	0.0035	0.0070	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0056	U	0.0017	0.0056	0.0070	mg/Kg
108-86-1	Bromobenzene	0.0035	U	0.0017	0.0035	0.0070	mg/Kg
103-65-1	n-propylbenzene	0.0035	U	0.0010	0.0035	0.0070	mg/Kg
95-49-8	2-Chlorotoluene	0.0035	U	0.00095	0.0035	0.0070	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0035	U	0.0012	0.0035	0.0070	mg/Kg
106-43-4	4-Chlorotoluene	0.0035	U	0.0017	0.0035	0.0070	mg/Kg
98-06-6	tert-Butylbenzene	0.0035	U	0.00094	0.0035	0.0070	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0035	U	0.00090	0.0035	0.0070	mg/Kg
135-98-8	sec-Butylbenzene	0.0035	U	0.00093	0.0035	0.0070	mg/Kg
99-87-6	p-Isopropyltoluene	0.0035	U	0.00087	0.0035	0.0070	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0035	U	0.0024	0.0035	0.0070	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0035	U	0.0022	0.0035	0.0070	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-37-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-13		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.2	
Sample Wt/Vol:	4.39	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
VY023007.D	1	07/18/25 18:55	VY071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0035	U	0.0020	0.0035	0.0070	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0035	U	0.0020	0.0035	0.0070	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0056	U	0.0026	0.0056	0.0070	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0056	U	0.0042	0.0056	0.0070	mg/Kg
87-68-3	Hexachlorobutadiene	0.0035	U	0.0027	0.0035	0.0070	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0056	U	0.0045	0.0056	0.0070	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0035	U	0.0015	0.0035	0.0070	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	66.3		71 - 136		133%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	47.5		85 - 116		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		79 - 119		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	273000	7.707				
540-36-3	1,4-Difluorobenzene	492000	8.616				
3114-55-4	Chlorobenzene-d5	484000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	227000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2638-03	OU4-TS-32-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2638-05	OU4-TS-33-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2638-07	OU4-TS-34-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2638-09	OU4-TS-35-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/21/25	07/18/25
Q2638-11	OU4-TS-36-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25
Q2638-13	OU4-TS-37-071725	SOIL	VOCMS Group3	8260D	07/17/25		07/18/25	07/18/25

Hit Summary Sheet SW-846

SDG No.: Q2638

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-31-071725									
Q2638-01	OU4-TS-31-071725	SOIL	Benzo(b)fluoranthene	0.130	J	0.028	0.19	0.25	mg/Kg
			Total Svoc :			0.13			
			Total Concentration:			0.13			
Client ID : OU4-TS-32-071725									
Q2638-03	OU4-TS-32-071725	SOIL	Fluoranthene	0.170	J	0.046	0.20	0.26	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Pyrene	0.120	J	0.055	0.20	0.26	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Chrysene	0.120	J	0.031	0.20	0.26	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Benzo(b)fluoranthene	0.170	J	0.029	0.20	0.26	mg/Kg
			Total Svoc :			0.58			
			Total Concentration:			0.58			
Client ID : OU4-TS-33-071725									
Q2638-05	OU4-TS-33-071725	SOIL	Benzo(b)fluoranthene	0.130	J	0.029	0.20	0.26	mg/Kg
			Total Svoc :			0.13			
			Total Concentration:			0.13			
Client ID : OU4-TS-35-071725									
Q2638-09	OU4-TS-35-071725	SOIL	Phenanthrene	0.100	J	0.025	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Fluoranthene	0.300		0.036	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Pyrene	0.290		0.044	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Benzo(a)anthracene	0.250		0.028	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Chrysene	0.260		0.024	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Benzo(b)fluoranthene	0.340		0.023	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Benzo(k)fluoranthene	0.110	J	0.027	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Benzo(a)pyrene	0.270		0.036	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.120	J	0.035	0.16	0.21	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Benzo(g,h,i)perylene	0.160	J	0.031	0.16	0.21	mg/Kg
			Total Svoc :			2.20			
			Total Concentration:			2.20			
Client ID : OU4-TS-36-071725									
Q2638-11	OU4-TS-36-071725	SOIL	Acenaphthylene	0.083	J	0.035	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Phenanthrene	0.088	J	0.026	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Fluoranthene	0.250		0.037	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Pyrene	0.320		0.044	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Benzo(a)anthracene	0.240		0.028	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Chrysene	0.250		0.024	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Benzo(b)fluoranthene	0.290		0.023	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Benzo(k)fluoranthene	0.110	J	0.027	0.16	0.21	mg/Kg

Hit Summary Sheet SW-846

SDG No.: Q2638
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-11	OU4-TS-36-071725	SOIL	Benzo(a)pyrene	0.260		0.036	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.140	J	0.036	0.16	0.21	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Benzo(g,h,i)perylene	0.170	J	0.031	0.16	0.21	mg/Kg
Total Svoc :				2.20					
Total Concentration:				2.20					
Client ID : OU4-TS-36-071725RE									
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Acenaphthylene	0.091	J	0.035	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Phenanthrene	0.087	J	0.026	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Fluoranthene	0.250		0.037	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Pyrene	0.320		0.044	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Benzo(a)anthracene	0.230		0.028	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Chrysene	0.270		0.024	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Benzo(b)fluoranthene	0.290		0.023	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Benzo(k)fluoranthene	0.095	J	0.027	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Benzo(a)pyrene	0.250		0.036	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Indeno(1,2,3-cd)pyrene	0.140	J	0.036	0.16	0.21	mg/Kg
Q2638-11RE	OU4-TS-36-071725RE	SOIL	Benzo(g,h,i)perylene	0.170	J	0.031	0.16	0.21	mg/Kg
Total Svoc :				2.19					
Total Concentration:				2.19					
Client ID : OU4-TS-37-071725									
Q2638-13	OU4-TS-37-071725	SOIL	Fluoranthene	0.210		0.037	0.16	0.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Pyrene	0.270		0.044	0.16	0.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Benzo(a)anthracene	0.190	J	0.028	0.16	0.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Chrysene	0.230		0.024	0.16	0.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Benzo(b)fluoranthene	0.250		0.023	0.16	0.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Benzo(a)pyrene	0.210		0.036	0.16	0.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.120	J	0.036	0.16	0.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Benzo(g,h,i)perylene	0.150	J	0.032	0.16	0.21	mg/Kg
Total Svoc :				1.63					
Total Concentration:				1.63					
Client ID : OU4-TS-37-071725RE									
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Acenaphthylene	0.087	J	0.036	0.16	0.21	mg/Kg
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Fluoranthene	0.220		0.037	0.16	0.21	mg/Kg
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Pyrene	0.270		0.044	0.16	0.21	mg/Kg
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Benzo(a)anthracene	0.180	J	0.028	0.16	0.21	mg/Kg
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Chrysene	0.220		0.024	0.16	0.21	mg/Kg
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Benzo(b)fluoranthene	0.250		0.023	0.16	0.21	mg/Kg
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Benzo(a)pyrene	0.220		0.036	0.16	0.21	mg/Kg
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Indeno(1,2,3-cd)pyrene	0.120	J	0.036	0.16	0.21	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2638
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-13RE	OU4-TS-37-071725RE	SOIL	Benzo(g,h,i)perylene	0.150	J	0.032	0.16	0.21	mg/Kg
			Total Svoc :	1.72					
			Total Concentration:	1.72					



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-31-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
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
BF143182.D	1	07/21/25 09:30	07/22/25 11:25	PB168929

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

91-20-3	Naphthalene	0.19	U	0.033	0.19	0.25	mg/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.037	0.19	0.25	mg/Kg
208-96-8	Acenaphthylene	0.19	U	0.042	0.19	0.25	mg/Kg
83-32-9	Acenaphthene	0.19	U	0.031	0.19	0.25	mg/Kg
86-73-7	Fluorene	0.19	U	0.037	0.19	0.25	mg/Kg
85-01-8	Phenanthrene	0.19	U	0.031	0.19	0.25	mg/Kg
120-12-7	Anthracene	0.19	U	0.049	0.19	0.25	mg/Kg
206-44-0	Fluoranthene	0.19	U	0.044	0.19	0.25	mg/Kg
129-00-0	Pyrene	0.19	U	0.053	0.19	0.25	mg/Kg
56-55-3	Benzo(a)anthracene	0.19	U	0.034	0.19	0.25	mg/Kg
218-01-9	Chrysene	0.19	U	0.029	0.19	0.25	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	J	0.028	0.19	0.25	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.19	U	0.033	0.19	0.25	mg/Kg
50-32-8	Benzo(a)pyrene	0.19	U	0.043	0.19	0.25	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.043	0.19	0.25	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.19	U	0.040	0.19	0.25	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.038	0.19	0.25	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	54.9		37 - 122	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.5		44 - 115	52%	SPK: 100
1718-51-0	Terphenyl-d14	33.3	*	54 - 127	33%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	125000	6.963
1146-65-2	Naphthalene-d8	473000	8.245
15067-26-2	Acenaphthene-d10	235000	9.998
1517-22-2	Phenanthrene-d10	343000	11.486
1719-03-5	Chrysene-d12	287000	14.121
1520-96-3	Perylene-d12	201000	15.627

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-31-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
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
BF143182.D	1	07/21/25 09:30	07/22/25 11:25	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-32-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	65.1
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
BF143183.D	1	07/21/25 09:30	07/22/25 11:54	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	0.044	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	0.17	J	0.046	0.20	0.26	mg/Kg
129-00-0	Pyrene	0.12	J	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	0.12	J	0.031	0.20	0.26	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.17	J	0.029	0.20	0.26	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.20	U	0.034	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	50.2		37 - 122	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.0		44 - 115	47%	SPK: 100
1718-51-0	Terphenyl-d14	33.2	*	54 - 127	33%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	118000	6.963
1146-65-2	Naphthalene-d8	451000	8.245
15067-26-2	Acenaphthene-d10	228000	9.998
1517-22-2	Phenanthrene-d10	338000	11.486
1719-03-5	Chrysene-d12	263000	14.121
1520-96-3	Perylene-d12	173000	15.633

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-32-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	65.1
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
BF143183.D	1	07/21/25 09:30	07/22/25 11:54	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-33-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.7
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
BF143184.D	1	07/21/25 09:30	07/22/25 12:23	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	0.040	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	0.056	0.20	0.26	mg/Kg
56-55-3	Benzo(a)anthracene	0.20	U	0.036	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	0.13	J	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	0.046	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	53.2		37 - 122	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.6		44 - 115	49%	SPK: 100
1718-51-0	Terphenyl-d14	35.0	*	54 - 127	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	130000	6.963
1146-65-2	Naphthalene-d8	492000	8.245
15067-26-2	Acenaphthene-d10	250000	9.998
1517-22-2	Phenanthrene-d10	371000	11.486
1719-03-5	Chrysene-d12	282000	14.121
1520-96-3	Perylene-d12	185000	15.633

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-33-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.7
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
BF143184.D	1	07/21/25 09:30	07/22/25 12:23	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-34-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143185.D	1	07/21/25 09:30	07/22/25 12:52	PB168929

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

91-20-3	Naphthalene	0.19	U	0.033	0.19	0.25	mg/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.037	0.19	0.25	mg/Kg
208-96-8	Acenaphthylene	0.19	U	0.042	0.19	0.25	mg/Kg
83-32-9	Acenaphthene	0.19	U	0.031	0.19	0.25	mg/Kg
86-73-7	Fluorene	0.19	U	0.037	0.19	0.25	mg/Kg
85-01-8	Phenanthrene	0.19	U	0.031	0.19	0.25	mg/Kg
120-12-7	Anthracene	0.19	U	0.049	0.19	0.25	mg/Kg
206-44-0	Fluoranthene	0.19	U	0.044	0.19	0.25	mg/Kg
129-00-0	Pyrene	0.19	U	0.052	0.19	0.25	mg/Kg
56-55-3	Benzo(a)anthracene	0.19	U	0.034	0.19	0.25	mg/Kg
218-01-9	Chrysene	0.19	U	0.029	0.19	0.25	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.19	U	0.028	0.19	0.25	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.19	U	0.033	0.19	0.25	mg/Kg
50-32-8	Benzo(a)pyrene	0.19	U	0.043	0.19	0.25	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.042	0.19	0.25	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.19	U	0.040	0.19	0.25	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.037	0.19	0.25	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	45.9		37 - 122	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.8	*	44 - 115	43%	SPK: 100
1718-51-0	Terphenyl-d14	30.9	*	54 - 127	31%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	125000	6.963
1146-65-2	Naphthalene-d8	482000	8.245
15067-26-2	Acenaphthene-d10	241000	9.998
1517-22-2	Phenanthrene-d10	349000	11.486
1719-03-5	Chrysene-d12	262000	14.121
1520-96-3	Perylene-d12	170000	15.627

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-34-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143185.D	1	07/21/25 09:30	07/22/25 12:52	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-34-071725RE	SDG No.:	Q2638
Lab Sample ID:	Q2638-07RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025224.D	1	07/21/25 09:30	07/23/25 14:51	PB168929

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

91-20-3	Naphthalene	0.19	U	0.033	0.19	0.25	mg/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.037	0.19	0.25	mg/Kg
208-96-8	Acenaphthylene	0.19	U	0.042	0.19	0.25	mg/Kg
83-32-9	Acenaphthene	0.19	U	0.031	0.19	0.25	mg/Kg
86-73-7	Fluorene	0.19	U	0.037	0.19	0.25	mg/Kg
85-01-8	Phenanthrene	0.19	U	0.031	0.19	0.25	mg/Kg
120-12-7	Anthracene	0.19	U	0.049	0.19	0.25	mg/Kg
206-44-0	Fluoranthene	0.19	U	0.044	0.19	0.25	mg/Kg
129-00-0	Pyrene	0.19	U	0.052	0.19	0.25	mg/Kg
56-55-3	Benzo(a)anthracene	0.19	U	0.034	0.19	0.25	mg/Kg
218-01-9	Chrysene	0.19	U	0.029	0.19	0.25	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.19	U	0.028	0.19	0.25	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.19	U	0.033	0.19	0.25	mg/Kg
50-32-8	Benzo(a)pyrene	0.19	U	0.043	0.19	0.25	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.042	0.19	0.25	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.19	U	0.040	0.19	0.25	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.037	0.19	0.25	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	45.2		37 - 122	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.9	*	44 - 115	43%	SPK: 100
1718-51-0	Terphenyl-d14	39.1	*	54 - 127	39%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	576000	7.431
1146-65-2	Naphthalene-d8	2320000	10.178
15067-26-2	Acenaphthene-d10	1480000	14.09
1517-22-2	Phenanthrene-d10	2910000	16.901
1719-03-5	Chrysene-d12	3200000	21.33
1520-96-3	Perylene-d12	3770000	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-34-071725RE	SDG No.:	Q2638
Lab Sample ID:	Q2638-07RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025224.D	1	07/21/25 09:30	07/23/25 14:51	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-35-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.4
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
BF143186.D	1	07/21/25 09:30	07/22/25 13:21	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	0.16	U	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	0.10	J	0.025	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.040	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.30		0.036	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.29		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.25		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.26		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	0.11	J	0.027	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.27		0.036	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.12	J	0.035	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	0.16	J	0.031	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	48.0		37 - 122	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.9		44 - 115	47%	SPK: 100
1718-51-0	Terphenyl-d14	37.1	*	54 - 127	37%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	115000	6.963
1146-65-2	Naphthalene-d8	440000	8.245
15067-26-2	Acenaphthene-d10	226000	9.998
1517-22-2	Phenanthrene-d10	327000	11.486
1719-03-5	Chrysene-d12	247000	14.122
1520-96-3	Perylene-d12	168000	15.633

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-35-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.4
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
BF143186.D	1	07/21/25 09:30	07/22/25 13:21	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-36-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.9
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
BP025225.D	1	07/21/25 09:30	07/23/25 15:32	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	0.083	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	0.088	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	0.25		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.32		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.24		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.25		0.024	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.29		0.023	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.11	J	0.027	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.26		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	0.033	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.17	J	0.031	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	39.9		37 - 122	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.3	*	44 - 115	40%	SPK: 100
1718-51-0	Terphenyl-d14	41.6	*	54 - 127	42%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	622000	7.431
1146-65-2	Naphthalene-d8	2600000	10.172
15067-26-2	Acenaphthene-d10	1720000	14.078
1517-22-2	Phenanthrene-d10	3430000	16.895
1719-03-5	Chrysene-d12	3440000	21.336
1520-96-3	Perylene-d12	3930000	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-36-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.9
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
BP025225.D	1	07/21/25 09:30	07/23/25 15:32	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-36-071725RE	SDG No.:	Q2638
Lab Sample ID:	Q2638-11RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.9
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
BP025232.D	1	07/21/25 09:30	07/23/25 21:01	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	0.091	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	0.087	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	0.25		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.32		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.23		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.27		0.024	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.29		0.023	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.095	J	0.027	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	0.033	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.17	J	0.031	0.16	0.21	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	39.7		37 - 122	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.2	*	44 - 115	40%	SPK: 100
1718-51-0	Terphenyl-d14	40.3	*	54 - 127	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	575000	7.437
1146-65-2	Naphthalene-d8	2320000	10.178
15067-26-2	Acenaphthene-d10	1500000	14.084
1517-22-2	Phenanthrene-d10	2980000	16.895
1719-03-5	Chrysene-d12	3090000	21.33
1520-96-3	Perylene-d12	3680000	24.477

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-36-071725RE	SDG No.:	Q2638
Lab Sample ID:	Q2638-11RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.9
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
BP025232.D	1	07/21/25 09:30	07/23/25 21:01	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-37-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025221.D	1	07/21/25 09:30	07/23/25 12:47	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	0.16	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	0.21		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.27		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.19	J	0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.23		0.024	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.25		0.023	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	0.21		0.036	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	38.9		37 - 122	39%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.2	*	44 - 115	39%	SPK: 100
1718-51-0	Terphenyl-d14	40.0	*	54 - 127	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	590000	7.437
1146-65-2	Naphthalene-d8	2490000	10.184
15067-26-2	Acenaphthene-d10	1670000	14.072
1517-22-2	Phenanthrene-d10	3350000	16.901
1719-03-5	Chrysene-d12	3280000	21.336
1520-96-3	Perylene-d12	3860000	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-37-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025221.D	1	07/21/25 09:30	07/23/25 12:47	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-37-071725RE	SDG No.:	Q2638
Lab Sample ID:	Q2638-13RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025230.D	1	07/21/25 09:30	07/23/25 19:39	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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	0.087	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	0.22		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.27		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.18	J	0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.22		0.024	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.25		0.023	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	0.22		0.036	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	38.9		37 - 122		39%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.6	*	44 - 115		38%	SPK: 100
1718-51-0	Terphenyl-d14	39.7	*	54 - 127		40%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	476000	7.431				
1146-65-2	Naphthalene-d8	2040000	10.178				
15067-26-2	Acenaphthene-d10	1450000	14.09				
1517-22-2	Phenanthrene-d10	3010000	16.901				
1719-03-5	Chrysene-d12	3120000	21.33				
1520-96-3	Perylene-d12	3620000	24.466				

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-37-071725RE	SDG No.:	Q2638
Lab Sample ID:	Q2638-13RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025230.D	1	07/21/25 09:30	07/23/25 19:39	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

LAB CHRONICLE

OrderID:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-03	OU4-TS-32-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-05	OU4-TS-33-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-07	OU4-TS-34-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-07RE	OU4-TS-34-071725RE	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25
Q2638-09	OU4-TS-35-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-11	OU4-TS-36-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25
Q2638-11RE	OU4-TS-36-071725RE	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25
Q2638-13	OU4-TS-37-071725	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25
Q2638-13RE	OU4-TS-37-071725RE	SOIL	SVOCMS Group3	8270E	07/17/25	07/21/25	07/23/25	07/18/25



- A
- B**
- C
- D

Order ID: Q2638

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-31-071725									
Q2638-01	OU4-TS-31-071725	SOIL	4,4-DDE	0.00064	J	0.00020	0.00048	0.0025	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	alpha-Chlordane	0.0011	JP	0.00018	0.00048	0.0025	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	gamma-Chlordane	0.00065	JP	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:				0.00239					
Client ID : OU4-TS-31-071725RE									
Q2638-01RE	OU4-TS-31-071725RI	SOIL	4,4-DDE	0.00065	J	0.00020	0.00048	0.0025	mg/Kg
Q2638-01RE	OU4-TS-31-071725RI	SOIL	alpha-Chlordane	0.0011	J	0.00018	0.00048	0.0025	mg/Kg
Q2638-01RE	OU4-TS-31-071725RI	SOIL	gamma-Chlordane	0.00062	JP	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:				0.00237					
Client ID : OU4-TS-32-071725									
Q2638-03	OU4-TS-32-071725	SOIL	Dieldrin	0.00079	JP	0.00021	0.00051	0.0026	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	4,4-DDE	0.00088	J	0.00021	0.00051	0.0026	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Endrin	0.0061	P	0.00021	0.00051	0.0026	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	alpha-Chlordane	0.0018	JP	0.00018	0.00051	0.0026	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	gamma-Chlordane	0.0013	J	0.00023	0.00051	0.0026	mg/Kg
Total Concentration:				0.01087					
Client ID : OU4-TS-33-071725									
Q2638-05	OU4-TS-33-071725	SOIL	4,4-DDE	0.00071	J	0.00022	0.00051	0.0026	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	alpha-Chlordane	0.0012	JP	0.00019	0.00051	0.0026	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	gamma-Chlordane	0.00075	JP	0.00023	0.00051	0.0026	mg/Kg
Total Concentration:				0.00266					
Client ID : OU4-TS-33-071725RE									
Q2638-05RE	OU4-TS-33-071725RI	SOIL	4,4-DDE	0.00068	J	0.00022	0.00051	0.0026	mg/Kg
Q2638-05RE	OU4-TS-33-071725RI	SOIL	alpha-Chlordane	0.0011	JP	0.00019	0.00051	0.0026	mg/Kg
Q2638-05RE	OU4-TS-33-071725RI	SOIL	gamma-Chlordane	0.00061	JP	0.00023	0.00051	0.0026	mg/Kg
Total Concentration:				0.00239					
Client ID : OU4-TS-34-071725									
Q2638-07	OU4-TS-34-071725	SOIL	4,4-DDE	0.00069	J	0.00020	0.00048	0.0025	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	alpha-Chlordane	0.0011	JP	0.00017	0.00048	0.0025	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	gamma-Chlordane	0.00067	JP	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:				0.00246					
Client ID : OU4-TS-34-071725RE									

Hit Summary Sheet
SW-846

SDG No.: Q2638

Order ID: Q2638

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-07RE	OU4-TS-34-071725RI	SOIL	4,4-DDE	0.00067	J	0.00020	0.00048	0.0025	mg/Kg
Q2638-07RE	OU4-TS-34-071725RI	SOIL	alpha-Chlordane	0.0011	J	0.00017	0.00048	0.0025	mg/Kg
Q2638-07RE	OU4-TS-34-071725RI	SOIL	gamma-Chlordane	0.00057	JP	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:				0.00234					

Client ID : OU4-TS-35-071725

Q2638-09	OU4-TS-35-071725	SOIL	Dieldrin	0.0018	JP	0.00017	0.00040	0.0021	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	4,4-DDE	0.00059	J	0.00017	0.00040	0.0021	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Endrin	0.00049	JP	0.00017	0.00040	0.0021	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	4,4-DDD	0.0034	P	0.00018	0.00040	0.0021	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	4,4-DDT	0.0018	J	0.00017	0.00040	0.0021	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	alpha-Chlordane	0.00091	JP	0.00015	0.00040	0.0021	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	gamma-Chlordane	0.00071	J	0.00018	0.00040	0.0021	mg/Kg
Total Concentration:				0.00970					

Client ID : OU4-TS-36-071725

Q2638-11	OU4-TS-36-071725	SOIL	Dieldrin	0.0016	JP	0.00017	0.00040	0.0021	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	4,4-DDE	0.00054	J	0.00017	0.00040	0.0021	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Endrin	0.00041	J	0.00017	0.00040	0.0021	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	4,4-DDD	0.0031	P	0.00018	0.00040	0.0021	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	4,4-DDT	0.0014	J	0.00017	0.00040	0.0021	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	alpha-Chlordane	0.00091	JP	0.00015	0.00040	0.0021	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	gamma-Chlordane	0.00044	J	0.00018	0.00040	0.0021	mg/Kg
Total Concentration:				0.00840					

Client ID : OU4-TS-37-071725

Q2638-13	OU4-TS-37-071725	SOIL	Dieldrin	0.0019	JP	0.00017	0.00041	0.0021	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	4,4-DDE	0.00061	J	0.00017	0.00041	0.0021	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	4,4-DDD	0.0037	P	0.00018	0.00041	0.0021	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	4,4-DDT	0.0019	J	0.00017	0.00041	0.0021	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	alpha-Chlordane	0.00096	JP	0.00015	0.00041	0.0021	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	gamma-Chlordane	0.00069	J	0.00018	0.00041	0.0021	mg/Kg
Total Concentration:				0.00976					



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-31-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.4	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
PL096494.D	1	07/21/25 08:30	07/21/25 16:53	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0025	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00057	0.0012	0.0025	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00048	U	0.00018	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00048	U	0.00018	0.00048	0.0025	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
959-98-8	Endosulfan I	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.00064	J	0.00020	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00042	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00048	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
5103-71-9	alpha-Chlordane	0.0011	JP	0.00018	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.00065	JP	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.048	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	5.47	*	55 - 130		27%	SPK: 20
877-09-8	Tetrachloro-m-xylene	9.87		42 - 129		49%	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-31-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.4	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
PL096494.D	1	07/21/25 08:30	07/21/25 16:53	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-31-071725RE		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.4	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
PL096507.D	1	07/21/25 08:30	07/22/25 12:40	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0025	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00057	0.0012	0.0025	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00048	U	0.00018	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00048	U	0.00018	0.00048	0.0025	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
959-98-8	Endosulfan I	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.00065	J	0.00020	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00042	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00048	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
5103-71-9	alpha-Chlordane	0.0011	J	0.00018	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.00062	JP	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.048	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	5.72	*	55 - 130		29%	SPK: 20
877-09-8	Tetrachloro-m-xylene	9.22		42 - 129		46%	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-31-071725RE		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.4	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
PL096507.D	1	07/21/25 08:30	07/22/25 12:40	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-32-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	65.1	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096508.D	1	07/21/25 08:30	07/22/25 12:54	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	0.00021	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	0.00021	0.00051	0.0026	mg/Kg
60-57-1	Dieldrin	0.00079	JP	0.00021	0.00051	0.0026	mg/Kg
72-55-9	4,4-DDE	0.00088	J	0.00021	0.00051	0.0026	mg/Kg
72-20-8	Endrin	0.0061	P	0.00021	0.00051	0.0026	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00044	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	0.00021	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	0.0018	JP	0.00018	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.0013	J	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	11.5		55 - 130		58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.9		42 - 129		75%	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-32-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	65.1	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096508.D	1	07/21/25 08:30	07/22/25 12:54	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-33-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.7	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
PL096496.D	1	07/21/25 08:30	07/21/25 17:20	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	0.00019	0.00051	0.0026	mg/Kg
309-00-2	Aldrin	0.00051	U	0.00019	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	0.00071	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	0.0012	JP	0.00019	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00075	JP	0.00023	0.00051	0.0026	mg/Kg
8001-35-2	Toxaphene	0.026	U	0.0084	0.026	0.051	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.30	*	55 - 130		37%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.3		42 - 129		57%	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-33-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.7	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
PL096496.D	1	07/21/25 08:30	07/21/25 17:20	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-33-071725RE		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.7	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
PL096509.D	1	07/21/25 08:30	07/22/25 13:07	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	0.00019	0.00051	0.0026	mg/Kg
309-00-2	Aldrin	0.00051	U	0.00019	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	0.00068	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	0.0011	JP	0.00019	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00061	JP	0.00023	0.00051	0.0026	mg/Kg
8001-35-2	Toxaphene	0.026	U	0.0084	0.026	0.051	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.82	*	55 - 130		39%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.1		42 - 129		55%	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-33-071725RE		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.7	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
PL096509.D	1	07/21/25 08:30	07/22/25 13:07	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-34-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096497.D	1	07/21/25 08:30	07/21/25 17:34	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0025	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00057	0.0012	0.0025	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00048	U	0.00017	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00048	U	0.00017	0.00048	0.0025	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
959-98-8	Endosulfan I	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.00069	J	0.00020	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00042	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00048	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
5103-71-9	alpha-Chlordane	0.0011	JP	0.00017	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.00067	JP	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.048	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	6.81	*	55 - 130		34%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.6		42 - 129		53%	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-34-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096497.D	1	07/21/25 08:30	07/21/25 17:34	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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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-34-071725RE		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096510.D	1	07/21/25 08:30	07/22/25 13:21	PB168928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0025	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00057	0.0012	0.0025	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00048	U	0.00017	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00048	U	0.00017	0.00048	0.0025	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
959-98-8	Endosulfan I	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.00067	J	0.00020	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00042	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00048	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00048	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00048	U	0.00020	0.00048	0.0025	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00028	0.0012	0.0025	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00054	0.0012	0.0025	mg/Kg
5103-71-9	alpha-Chlordane	0.0011	J	0.00017	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.00057	JP	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.048	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.16	*	55 - 130		36%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.3		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-34-071725RE		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096510.D	1	07/21/25 08:30	07/22/25 13:21	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

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() = 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-35-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	82.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096498.D	1	07/21/25 08:30	07/21/25 17:47	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	0.0018	JP	0.00017	0.00040	0.0021	mg/Kg
72-55-9	4,4-DDE	0.00059	J	0.00017	0.00040	0.0021	mg/Kg
72-20-8	Endrin	0.00049	JP	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	0.0034	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	0.0018	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	0.00091	JP	0.00015	0.00040	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00071	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	12.9		55 - 130		64%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.3		42 - 129		86%	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-35-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	82.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096498.D	1	07/21/25 08:30	07/21/25 17:47	PB168928

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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-36-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-11		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	81.9	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096499.D	1	07/21/25 08:30	07/21/25 18:01	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	0.00048	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	0.0016	JP	0.00017	0.00040	0.0021	mg/Kg
72-55-9	4,4-DDE	0.00054	J	0.00017	0.00040	0.0021	mg/Kg
72-20-8	Endrin	0.00041	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	0.0031	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	0.00091	JP	0.00015	0.00040	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00044	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	13.2		55 - 130		66%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.6		42 - 129		83%	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-36-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-11		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	81.9	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096499.D	1	07/21/25 08:30	07/21/25 18:01	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-37-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-13		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	81.2	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
PL096500.D	1	07/21/25 08:30	07/21/25 18:15	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	0.0019	JP	0.00017	0.00041	0.0021	mg/Kg
72-55-9	4,4-DDE	0.00061	J	0.00017	0.00041	0.0021	mg/Kg
72-20-8	Endrin	0.00041	U	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	0.0037	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	0.0019	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	0.00096	JP	0.00015	0.00041	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00069	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	19.4		42 - 129		97%	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-37-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-13		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	81.2	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
PL096500.D	1	07/21/25 08:30	07/21/25 18:15	PB168928

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

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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

LAB CHRONICLE

OrderID:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/21/25	07/18/25
Q2638-01RE	OU4-TS-31-071725RE	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-03	OU4-TS-32-071725	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-05	OU4-TS-33-071725	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/21/25	07/18/25
Q2638-05RE	OU4-TS-33-071725RE	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-07	OU4-TS-34-071725	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/21/25	07/18/25
Q2638-07RE	OU4-TS-34-071725RE	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/22/25	07/18/25
Q2638-09	OU4-TS-35-071725	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/21/25	07/18/25
Q2638-11	OU4-TS-36-071725	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/21/25	07/18/25
Q2638-13	OU4-TS-37-071725	SOIL	Pesticide-TCL	8081B	07/17/25	07/21/25	07/21/25	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.: Q2638

Order ID: Q2638

Client: Nobis Group

Project ID: Raymark Superfund Site

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

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-31-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	68.4	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
PQ070590.D	1	07/21/25 08:30	07/23/25 15:04	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.1	U	5.80	12.1	24.8	ug/kg
11104-28-2	Aroclor-1221	19.0	U	5.90	19.0	24.8	ug/kg
11141-16-5	Aroclor-1232	12.1	U	5.40	12.1	24.8	ug/kg
53469-21-9	Aroclor-1242	12.1	U	5.90	12.1	24.8	ug/kg
12672-29-6	Aroclor-1248	19.0	U	8.60	19.0	24.8	ug/kg
11097-69-1	Aroclor-1254	12.1	U	4.70	12.1	24.8	ug/kg
37324-23-5	Aroclor-1262	19.0	U	7.30	19.0	24.8	ug/kg
11100-14-4	Aroclor-1268	12.1	U	5.30	12.1	24.8	ug/kg
11096-82-5	Aroclor-1260	12.1	U	4.70	12.1	24.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.5		44 - 130		72%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 125		95%	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-32-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-03		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	65.1	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070591.D	1	07/21/25 08:30	07/23/25 15:19	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.7	U	6.10	12.7	26.0	ug/kg
11104-28-2	Aroclor-1221	19.9	U	6.20	19.9	26.0	ug/kg
11141-16-5	Aroclor-1232	12.7	U	5.70	12.7	26.0	ug/kg
53469-21-9	Aroclor-1242	12.7	U	6.10	12.7	26.0	ug/kg
12672-29-6	Aroclor-1248	19.9	U	9.10	19.9	26.0	ug/kg
11097-69-1	Aroclor-1254	12.7	U	4.90	12.7	26.0	ug/kg
37324-23-5	Aroclor-1262	19.9	U	7.70	19.9	26.0	ug/kg
11100-14-4	Aroclor-1268	12.7	U	5.50	12.7	26.0	ug/kg
11096-82-5	Aroclor-1260	12.7	U	4.90	12.7	26.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.9		44 - 130		75%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 125		96%	SPK: 20

Comments:

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 () = 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-33-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	64.7	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
PP073996.D	1	07/21/25 08:30	07/21/25 17:45	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	26.3	ug/kg
11104-28-2	Aroclor-1221	20.1	U	6.20	20.1	26.3	ug/kg
11141-16-5	Aroclor-1232	12.8	U	5.70	12.8	26.3	ug/kg
53469-21-9	Aroclor-1242	12.8	U	6.20	12.8	26.3	ug/kg
12672-29-6	Aroclor-1248	20.1	U	9.10	20.1	26.3	ug/kg
11097-69-1	Aroclor-1254	12.8	U	5.00	12.8	26.3	ug/kg
37324-23-5	Aroclor-1262	20.1	U	7.80	20.1	26.3	ug/kg
11100-14-4	Aroclor-1268	12.8	U	5.60	12.8	26.3	ug/kg
11096-82-5	Aroclor-1260	12.8	U	5.00	12.8	26.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.9		44 - 130		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		60 - 125		64%	SPK: 20

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-34-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	68.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070592.D	1	07/21/25 08:30	07/23/25 15:33	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.1	U	5.80	12.1	24.8	ug/kg
11104-28-2	Aroclor-1221	18.9	U	5.90	18.9	24.8	ug/kg
11141-16-5	Aroclor-1232	12.1	U	5.40	12.1	24.8	ug/kg
53469-21-9	Aroclor-1242	12.1	U	5.80	12.1	24.8	ug/kg
12672-29-6	Aroclor-1248	18.9	U	8.60	18.9	24.8	ug/kg
11097-69-1	Aroclor-1254	12.1	U	4.70	12.1	24.8	ug/kg
37324-23-5	Aroclor-1262	18.9	U	7.30	18.9	24.8	ug/kg
11100-14-4	Aroclor-1268	12.1	U	5.20	12.1	24.8	ug/kg
11096-82-5	Aroclor-1260	12.1	U	4.70	12.1	24.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.7		44 - 130		78%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		60 - 125		89%	SPK: 20

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-35-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-09		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	82.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073998.D	1	07/21/25 08:30	07/21/25 18:18	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	20.6	ug/kg
11104-28-2	Aroclor-1221	15.8	U	4.90	15.8	20.6	ug/kg
11141-16-5	Aroclor-1232	10.1	U	4.50	10.1	20.6	ug/kg
53469-21-9	Aroclor-1242	10.1	U	4.90	10.1	20.6	ug/kg
12672-29-6	Aroclor-1248	15.8	U	7.20	15.8	20.6	ug/kg
11097-69-1	Aroclor-1254	10.1	U	3.90	10.1	20.6	ug/kg
37324-23-5	Aroclor-1262	15.8	U	6.10	15.8	20.6	ug/kg
11100-14-4	Aroclor-1268	10.1	U	4.40	10.1	20.6	ug/kg
11096-82-5	Aroclor-1260	10.1	U	3.90	10.1	20.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.1		44 - 130		86%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.7		60 - 125		69%	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-36-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-11		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	81.9	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073999.D	1	07/21/25 08:30	07/21/25 18:34	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	16.2		44 - 130		81%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.7		60 - 125		69%	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-37-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-13		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	81.2	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
PP074000.D	1	07/21/25 08:30	07/21/25 18:50	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	20.9	ug/kg
11104-28-2	Aroclor-1221	16.0	U	5.00	16.0	20.9	ug/kg
11141-16-5	Aroclor-1232	10.2	U	4.60	10.2	20.9	ug/kg
53469-21-9	Aroclor-1242	10.2	U	4.90	10.2	20.9	ug/kg
12672-29-6	Aroclor-1248	16.0	U	7.30	16.0	20.9	ug/kg
11097-69-1	Aroclor-1254	10.2	U	4.00	10.2	20.9	ug/kg
37324-23-5	Aroclor-1262	16.0	U	6.20	16.0	20.9	ug/kg
11100-14-4	Aroclor-1268	10.2	U	4.40	10.2	20.9	ug/kg
11096-82-5	Aroclor-1260	10.2	U	4.00	10.2	20.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.6		44 - 130		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		60 - 125		89%	SPK: 20

Comments:

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 () = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/23/25	
			PCB	8082A		07/21/25	07/23/25	
			Pesticide-TCL	8081B		07/21/25	07/21/25	
Q2638-01RE	OU4-TS-31-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-03	OU4-TS-32-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/23/25	
			PCB	8082A		07/21/25	07/23/25	
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-05	OU4-TS-33-071725	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	07/21/25	
Q2638-05RE	OU4-TS-33-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-07	OU4-TS-34-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/23/25	
			Pesticide-TCL	8081B		07/21/25	07/21/25	
Q2638-07RE	OU4-TS-34-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-09	OU4-TS-35-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/23/25	
			PCB	8082A		07/21/25	07/21/25	

LAB CHRONICLE

Q2638-11	OU4-TS-36-071725	SOIL	Pesticide-TCL	8081B		07/21/25	07/21/25	07/18/25
					07/17/25			
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/21/25	
Q2638-13	OU4-TS-37-071725	SOIL	Pesticide-TCL	8081B		07/21/25	07/21/25	07/18/25
					07/17/25			
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/21/25	



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

Hit Summary Sheet
SW-846

SDG No.:

Q2638

Order ID:

Q2638

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-31-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-01		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	68.4	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
PS031183.D	1	07/22/25 09:05	07/23/25 11:21	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.048	U	0.011	0.048	0.098	mg/Kg
75-99-0	DALAPON	0.073	U	0.026	0.073	0.098	mg/Kg
120-36-5	DICHLORPROP	0.048	U	0.019	0.048	0.098	mg/Kg
94-75-7	2,4-D	0.048	U	0.013	0.048	0.098	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.048	U	0.013	0.048	0.098	mg/Kg
93-76-5	2,4,5-T	0.048	U	0.013	0.048	0.098	mg/Kg
94-82-6	2,4-DB	0.048	U	0.035	0.048	0.098	mg/Kg
88-85-7	DINOSEB	0.048	U	0.016	0.048	0.098	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	295		27 - 122		59%	SPK: 500

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
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 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
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 D = Dilution
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 () = 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-32-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-03		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	65.1	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031184.D	1	07/22/25 09:05	07/23/25 11:45	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	289		27 - 122		58%	SPK: 500

Comments:

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LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-33-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-05		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	64.7	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
PS031229.D	1	07/22/25 09:05	07/24/25 16:14	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	332		27 - 122		66%	SPK: 500

Comments:

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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-34-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-07		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	68.5	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
PS031230.D	1	07/22/25 09:05	07/24/25 16:39	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.048	U	0.011	0.048	0.098	mg/Kg
75-99-0	DALAPON	0.073	U	0.026	0.073	0.098	mg/Kg
120-36-5	DICHLORPROP	0.048	U	0.019	0.048	0.098	mg/Kg
94-75-7	2,4-D	0.048	U	0.013	0.048	0.098	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.048	U	0.013	0.048	0.098	mg/Kg
93-76-5	2,4,5-T	0.048	U	0.013	0.048	0.098	mg/Kg
94-82-6	2,4-DB	0.048	U	0.035	0.048	0.098	mg/Kg
88-85-7	DINOSEB	0.048	U	0.016	0.048	0.098	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	498		27 - 122		100%	SPK: 500

Comments:

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 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-35-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-09		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	82.4	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
PS031187.D	1	07/22/25 09:05	07/23/25 12:58	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	0.081	mg/Kg
75-99-0	DALAPON	0.061	U	0.021	0.061	0.081	mg/Kg
120-36-5	DICHLORPROP	0.040	U	0.016	0.040	0.081	mg/Kg
94-75-7	2,4-D	0.040	U	0.011	0.040	0.081	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.040	U	0.011	0.040	0.081	mg/Kg
93-76-5	2,4,5-T	0.040	U	0.011	0.040	0.081	mg/Kg
94-82-6	2,4-DB	0.040	U	0.029	0.040	0.081	mg/Kg
88-85-7	DINOSEB	0.040	U	0.013	0.040	0.081	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	312		27 - 122		62%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-36-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-11		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	81.9	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
PS031223.D	1	07/22/25 09:05	07/24/25 13:44	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	UM	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	UM	0.013	0.040	0.082	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	306		27 - 122		61%	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-37-071725		SDG No.:	Q2638	
Lab Sample ID:	Q2638-13		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	81.2	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
PS031228.D	1	07/22/25 09:05	07/24/25 15:50	PB168945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.041	U	0.0095	0.041	0.082	mg/Kg
75-99-0	DALAPON	0.062	U	0.022	0.062	0.082	mg/Kg
120-36-5	DICHLORPROP	0.041	U	0.016	0.041	0.082	mg/Kg
94-75-7	2,4-D	0.041	U	0.011	0.041	0.082	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.041	U	0.011	0.041	0.082	mg/Kg
93-76-5	2,4,5-T	0.041	U	0.011	0.041	0.082	mg/Kg
94-82-6	2,4-DB	0.041	U	0.030	0.041	0.082	mg/Kg
88-85-7	DINOSEB	0.041	U	0.013	0.041	0.082	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	316		27 - 122		63%	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:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/23/25	
			PCB	8082A		07/21/25	07/23/25	
			Pesticide-TCL	8081B		07/21/25	07/21/25	
Q2638-01RE	OU4-TS-31-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-03	OU4-TS-32-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/23/25	
			PCB	8082A		07/21/25	07/23/25	
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-05	OU4-TS-33-071725	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	07/21/25	
Q2638-05RE	OU4-TS-33-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-07	OU4-TS-34-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/23/25	
			Pesticide-TCL	8081B		07/21/25	07/21/25	
Q2638-07RE	OU4-TS-34-071725RE	SOIL			07/17/25			07/18/25
			Pesticide-TCL	8081B		07/21/25	07/22/25	
Q2638-09	OU4-TS-35-071725	SOIL			07/17/25			07/18/25
			Herbicide Group1	8151A		07/22/25	07/23/25	
			PCB	8082A		07/21/25	07/21/25	

LAB CHRONICLE

Q2638-11	OU4-TS-36-071725	SOIL	Pesticide-TCL	8081B		07/21/25	07/21/25	07/18/25
					07/17/25			
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/21/25	
Q2638-13	OU4-TS-37-071725	SOIL	Pesticide-TCL	8081B		07/21/25	07/21/25	07/18/25
					07/17/25			
			Herbicide Group1	8151A		07/22/25	07/24/25	
			PCB	8082A		07/21/25	07/21/25	
			Pesticide-TCL	8081B		07/21/25	07/21/25	

Hit Summary Sheet
SW-846

SDG No.: Q2638 **Order ID:** Q2638
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-31-071725									
Q2638-01	OU4-TS-31-071725	SOIL	Aluminum	14200		1.15	5.47	6.83	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Arsenic	18.1		0.26	1.09	1.37	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Barium	104		1.00	1.71	6.83	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Beryllium	0.72		0.034	0.10	0.41	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Cadmium	0.59		0.033	0.10	0.41	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Calcium	5850		15.2	34.2	137	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Chromium	19.4		0.064	0.17	0.68	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Cobalt	14.0		0.14	0.51	2.05	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Copper	60.0		0.30	1.09	1.37	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Iron	22700		5.45	5.47	6.83	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Lead	26.5		0.18	0.66	0.82	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Magnesium	5140		16.4	34.2	137	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Manganese	444		0.19	0.34	1.37	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Mercury	0.030		0.011	0.016	0.020	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Nickel	25.3		0.18	0.68	2.73	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Potassium	4990		37.8	109	137	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Silver	5.09		0.16	0.34	0.68	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Sodium	240		24.3	109	137	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Thallium	1.61	J	0.31	1.37	2.73	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Vanadium	33.3		0.34	1.37	2.73	mg/Kg
Q2638-01	OU4-TS-31-071725	SOIL	Zinc	82.2		0.31	0.68	2.73	mg/Kg
Client ID : OU4-TS-32-071725									
Q2638-03	OU4-TS-32-071725	SOIL	Aluminum	11900		1.13	5.39	6.74	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Arsenic	18.5		0.26	1.08	1.35	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Barium	90.7		0.98	1.68	6.74	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Beryllium	0.62		0.034	0.10	0.40	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Cadmium	0.45		0.032	0.10	0.40	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Calcium	6240		15.0	33.7	135	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Chromium	17.3		0.063	0.17	0.67	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Cobalt	11.5		0.14	0.51	2.02	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Copper	55.4		0.30	1.08	1.35	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Iron	19900		5.38	5.39	6.74	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Lead	24.5		0.18	0.65	0.81	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Magnesium	4620		16.2	33.7	135	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Manganese	401		0.19	0.34	1.35	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Mercury	0.071		0.011	0.015	0.019	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Nickel	21.4		0.18	0.67	2.69	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2638

Order ID: Q2638

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-03	OU4-TS-32-071725	SOIL	Potassium	4450	J	37.3	108	135	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Silver	4.51		0.16	0.34	0.67	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Sodium	246		24.0	108	135	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Thallium	1.39		0.31	1.35	2.69	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Vanadium	29.8		0.34	1.35	2.69	mg/Kg
Q2638-03	OU4-TS-32-071725	SOIL	Zinc	77.3		0.31	0.67	2.69	mg/Kg
Client ID : OU4-TS-33-071725									
Q2638-05	OU4-TS-33-071725	SOIL	Aluminum	13800	J	1.16	5.54	6.93	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Arsenic	22.1		0.26	1.11	1.39	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Barium	107		1.01	1.73	6.93	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Beryllium	0.74		0.035	0.10	0.42	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Cadmium	0.71		0.033	0.10	0.42	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Calcium	5450		15.4	34.7	139	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Chromium	19.0		0.065	0.17	0.69	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Cobalt	13.8		0.14	0.52	2.08	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Copper	62.3		0.31	1.11	1.39	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Iron	21500		5.53	5.54	6.93	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Lead	33.0		0.18	0.67	0.83	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Magnesium	5040		16.6	34.7	139	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Manganese	471		0.19	0.35	1.39	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Mercury	0.067		0.011	0.015	0.019	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Nickel	24.5		0.18	0.69	2.77	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Potassium	4710		38.4	111	139	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Silver	4.66		0.17	0.35	0.69	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Sodium	217		24.7	111	139	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Thallium	1.47		0.32	1.39	2.77	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Vanadium	33.3		0.35	1.39	2.77	mg/Kg
Q2638-05	OU4-TS-33-071725	SOIL	Zinc	81.3		0.32	0.69	2.77	mg/Kg
Client ID : OU4-TS-34-071725									
Q2638-07	OU4-TS-34-071725	SOIL	Aluminum	12300		1.01	4.79	5.98	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Arsenic	18.3		0.23	0.96	1.20	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Barium	88.3		0.87	1.50	5.98	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Beryllium	0.67		0.030	0.090	0.36	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Cadmium	0.56		0.029	0.090	0.36	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Calcium	5530		13.3	29.9	120	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Chromium	17.3		0.056	0.15	0.60	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Cobalt	12.6		0.12	0.45	1.79	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Copper	56.7		0.26	0.96	1.20	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Iron	20000		4.77	4.79	5.98	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q2638	Order ID:	Q2638
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-07	OU4-TS-34-071725	SOIL	Lead	24.8		0.16	0.57	0.72	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Magnesium	4620		14.4	29.9	120	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Manganese	416		0.17	0.30	1.20	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Mercury	0.069		0.011	0.015	0.019	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Nickel	22.3		0.16	0.60	2.39	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Potassium	4350		33.1	95.7	120	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Silver	4.43		0.14	0.30	0.60	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Sodium	209		21.3	95.7	120	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Thallium	1.41	J	0.28	1.20	2.39	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Vanadium	30.3		0.30	1.20	2.39	mg/Kg
Q2638-07	OU4-TS-34-071725	SOIL	Zinc	74.2		0.28	0.60	2.39	mg/Kg

Client ID : OU4-TS-35-071725

Q2638-09	OU4-TS-35-071725	SOIL	Aluminum	11600		0.91	4.35	5.44	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Arsenic	9.83		0.21	0.87	1.09	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Barium	84.0		0.80	1.36	5.44	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Beryllium	0.62		0.027	0.082	0.33	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Cadmium	0.61		0.026	0.082	0.33	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Calcium	2740		12.1	27.2	109	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Chromium	23.9		0.051	0.14	0.54	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Cobalt	13.3		0.11	0.41	1.63	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Copper	71.1		0.24	0.87	1.09	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Iron	21800		4.34	4.35	5.44	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Lead	26.8		0.14	0.52	0.65	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Magnesium	5180		13.1	27.2	109	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Manganese	357		0.15	0.27	1.09	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Mercury	0.068		0.0090	0.014	0.017	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Nickel	22.7		0.14	0.54	2.18	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Potassium	4350		30.1	87.1	109	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Silver	4.92		0.13	0.27	0.54	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Sodium	93.0	J	19.4	87.1	109	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Thallium	1.16	J	0.25	1.09	2.18	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Vanadium	33.2		0.27	1.09	2.18	mg/Kg
Q2638-09	OU4-TS-35-071725	SOIL	Zinc	82.9		0.25	0.54	2.18	mg/Kg

Client ID : OU4-TS-36-071725

Q2638-11	OU4-TS-36-071725	SOIL	Aluminum	11400		0.85	4.05	5.07	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Arsenic	9.50		0.19	0.81	1.01	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Barium	81.3		0.74	1.27	5.07	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Beryllium	0.60		0.025	0.076	0.30	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Cadmium	0.57		0.024	0.076	0.30	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q2638	Order ID:	Q2638
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-11	OU4-TS-36-071725	SOIL	Calcium	2710		11.2	25.3	101	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Chromium	23.0		0.048	0.13	0.51	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Cobalt	13.0		0.10	0.38	1.52	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Copper	67.9		0.22	0.81	1.01	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Iron	20600		4.04	4.05	5.07	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Lead	26.4		0.13	0.49	0.61	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Magnesium	5000		12.2	25.3	101	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Manganese	344		0.14	0.25	1.01	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Mercury	0.062		0.0080	0.012	0.014	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Nickel	22.1		0.13	0.51	2.03	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Potassium	4140		28.1	81.1	101	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Silver	4.61		0.12	0.25	0.51	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Sodium	84.6	J	18.0	81.1	101	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Thallium	1.24	J	0.23	1.01	2.03	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Vanadium	32.1		0.25	1.01	2.03	mg/Kg
Q2638-11	OU4-TS-36-071725	SOIL	Zinc	78.8		0.23	0.51	2.03	mg/Kg

Client ID : OU4-TS-37-071725

Q2638-13	OU4-TS-37-071725	SOIL	Aluminum	11300		0.93	4.42	5.52	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Arsenic	9.62		0.21	0.88	1.10	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Barium	79.6		0.81	1.38	5.52	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Beryllium	0.61		0.028	0.083	0.33	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Cadmium	0.53		0.027	0.083	0.33	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Calcium	2620		12.3	27.6	110	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Chromium	22.8		0.052	0.14	0.55	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Cobalt	12.8		0.11	0.41	1.66	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Copper	69.1		0.24	0.88	1.10	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Iron	20400		4.41	4.42	5.52	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Lead	27.8		0.14	0.53	0.66	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Magnesium	4960		13.3	27.6	110	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Manganese	343		0.16	0.28	1.10	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Mercury	0.049		0.010	0.014	0.017	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Nickel	22.1		0.14	0.55	2.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Potassium	4010		30.6	88.4	110	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Silver	4.56		0.13	0.28	0.55	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Sodium	78.3	J	19.7	88.4	110	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Thallium	1.26	J	0.25	1.10	2.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Vanadium	31.4		0.28	1.10	2.21	mg/Kg
Q2638-13	OU4-TS-37-071725	SOIL	Zinc	79.7		0.25	0.55	2.21	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-31-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	68.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14200		1	1.15	5.47	6.83	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-36-0	Antimony	0.85	UN	1	0.30	0.85	3.42	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-38-2	Arsenic	18.1	N	1	0.26	1.09	1.37	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-39-3	Barium	104		1	1.00	1.71	6.83	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-41-7	Beryllium	0.72	N	1	0.034	0.10	0.41	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-43-9	Cadmium	0.59	*	1	0.033	0.10	0.41	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-70-2	Calcium	5850		1	15.2	34.2	137	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-47-3	Chromium	19.4	N	1	0.064	0.17	0.68	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-48-4	Cobalt	14.0	N	1	0.14	0.51	2.05	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-50-8	Copper	60.0		1	0.30	1.09	1.37	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7439-89-6	Iron	22700		1	5.45	5.47	6.83	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7439-92-1	Lead	26.5		1	0.18	0.66	0.82	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7439-95-4	Magnesium	5140		1	16.4	34.2	137	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7439-96-5	Manganese	444		1	0.19	0.34	1.37	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7439-97-6	Mercury	0.030		1	0.011	0.016	0.020	mg/Kg	07/18/25 15:50	07/21/25 12:33	7471B	
7440-02-0	Nickel	25.3		1	0.18	0.68	2.73	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-09-7	Potassium	4990		1	37.8	109	137	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7782-49-2	Selenium	1.09	UN	1	0.36	1.09	1.37	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-22-4	Silver	5.09	N	1	0.16	0.34	0.68	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-23-5	Sodium	240		1	24.3	109	137	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-28-0	Thallium	1.61	J	1	0.31	1.37	2.73	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-62-2	Vanadium	33.3		1	0.34	1.37	2.73	mg/Kg	07/18/25 14:50	07/21/25 15:31	6010D	SW3050
7440-66-6	Zinc	82.2		1	0.31	0.68	2.73	mg/Kg	07/18/25 14:50	07/21/25 15:31	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-32-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	65.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11900		1	1.13	5.39	6.74	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-36-0	Antimony	0.84	UN	1	0.30	0.84	3.37	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-38-2	Arsenic	18.5	N	1	0.26	1.08	1.35	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-39-3	Barium	90.7		1	0.98	1.68	6.74	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-41-7	Beryllium	0.62	N	1	0.034	0.10	0.40	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-43-9	Cadmium	0.45	*	1	0.032	0.10	0.40	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-70-2	Calcium	6240		1	15.0	33.7	135	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-47-3	Chromium	17.3	N	1	0.063	0.17	0.67	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-48-4	Cobalt	11.5	N	1	0.14	0.51	2.02	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-50-8	Copper	55.4		1	0.30	1.08	1.35	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7439-89-6	Iron	19900		1	5.38	5.39	6.74	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7439-92-1	Lead	24.5		1	0.18	0.65	0.81	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7439-95-4	Magnesium	4620		1	16.2	33.7	135	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7439-96-5	Manganese	401		1	0.19	0.34	1.35	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7439-97-6	Mercury	0.071		1	0.011	0.015	0.019	mg/Kg	07/18/25 15:50	07/21/25 12:35	7471B	
7440-02-0	Nickel	21.4		1	0.18	0.67	2.69	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-09-7	Potassium	4450		1	37.3	108	135	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7782-49-2	Selenium	1.08	UN	1	0.35	1.08	1.35	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-22-4	Silver	4.51	N	1	0.16	0.34	0.67	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-23-5	Sodium	246		1	24.0	108	135	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-28-0	Thallium	1.39	J	1	0.31	1.35	2.69	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-62-2	Vanadium	29.8		1	0.34	1.35	2.69	mg/Kg	07/18/25 14:50	07/21/25 15:39	6010D	SW3050
7440-66-6	Zinc	77.3		1	0.31	0.67	2.69	mg/Kg	07/18/25 14:50	07/21/25 15:39	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-33-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	64.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13800		1	1.16	5.54	6.93	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-36-0	Antimony	0.87	UN	1	0.31	0.87	3.47	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-38-2	Arsenic	22.1	N	1	0.26	1.11	1.39	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-39-3	Barium	107		1	1.01	1.73	6.93	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-41-7	Beryllium	0.74	N	1	0.035	0.10	0.42	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-43-9	Cadmium	0.71	*	1	0.033	0.10	0.42	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-70-2	Calcium	5450		1	15.4	34.7	139	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-47-3	Chromium	19.0	N	1	0.065	0.17	0.69	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-48-4	Cobalt	13.8	N	1	0.14	0.52	2.08	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-50-8	Copper	62.3		1	0.31	1.11	1.39	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7439-89-6	Iron	21500		1	5.53	5.54	6.93	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7439-92-1	Lead	33.0		1	0.18	0.67	0.83	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7439-95-4	Magnesium	5040		1	16.6	34.7	139	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7439-96-5	Manganese	471		1	0.19	0.35	1.39	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7439-97-6	Mercury	0.067		1	0.011	0.015	0.019	mg/Kg	07/18/25 15:50	07/21/25 12:37	7471B	
7440-02-0	Nickel	24.5		1	0.18	0.69	2.77	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-09-7	Potassium	4710		1	38.4	111	139	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7782-49-2	Selenium	1.11	UN	1	0.36	1.11	1.39	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-22-4	Silver	4.66	N	1	0.17	0.35	0.69	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-23-5	Sodium	217		1	24.7	111	139	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-28-0	Thallium	1.47	J	1	0.32	1.39	2.77	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-62-2	Vanadium	33.3		1	0.35	1.39	2.77	mg/Kg	07/18/25 14:50	07/21/25 15:55	6010D	SW3050
7440-66-6	Zinc	81.3		1	0.32	0.69	2.77	mg/Kg	07/18/25 14:50	07/21/25 15:55	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-34-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	68.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12300		1	1.01	4.79	5.98	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-36-0	Antimony	0.75	UN	1	0.26	0.75	2.99	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-38-2	Arsenic	18.3	N	1	0.23	0.96	1.20	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-39-3	Barium	88.3		1	0.87	1.50	5.98	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-41-7	Beryllium	0.67	N	1	0.030	0.090	0.36	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-43-9	Cadmium	0.56	*	1	0.029	0.090	0.36	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-70-2	Calcium	5530		1	13.3	29.9	120	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-47-3	Chromium	17.3	N	1	0.056	0.15	0.60	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-48-4	Cobalt	12.6	N	1	0.12	0.45	1.79	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-50-8	Copper	56.7		1	0.26	0.96	1.20	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7439-89-6	Iron	20000		1	4.77	4.79	5.98	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7439-92-1	Lead	24.8		1	0.16	0.57	0.72	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7439-95-4	Magnesium	4620		1	14.4	29.9	120	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7439-96-5	Manganese	416		1	0.17	0.30	1.20	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7439-97-6	Mercury	0.069		1	0.011	0.015	0.019	mg/Kg	07/18/25 15:50	07/21/25 12:40	7471B	
7440-02-0	Nickel	22.3		1	0.16	0.60	2.39	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-09-7	Potassium	4350		1	33.1	95.7	120	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7782-49-2	Selenium	0.96	UN	1	0.31	0.96	1.20	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-22-4	Silver	4.43	N	1	0.14	0.30	0.60	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-23-5	Sodium	209		1	21.3	95.7	120	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-28-0	Thallium	1.41	J	1	0.28	1.20	2.39	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-62-2	Vanadium	30.3		1	0.30	1.20	2.39	mg/Kg	07/18/25 14:50	07/21/25 16:00	6010D	SW3050
7440-66-6	Zinc	74.2		1	0.28	0.60	2.39	mg/Kg	07/18/25 14:50	07/21/25 16:00	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

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LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

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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-35-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11600		1	0.91	4.35	5.44	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-36-0	Antimony	0.68	UN	1	0.24	0.68	2.72	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-38-2	Arsenic	9.83	N	1	0.21	0.87	1.09	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-39-3	Barium	84.0		1	0.80	1.36	5.44	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-41-7	Beryllium	0.62	N	1	0.027	0.082	0.33	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-43-9	Cadmium	0.61	*	1	0.026	0.082	0.33	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-70-2	Calcium	2740		1	12.1	27.2	109	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-47-3	Chromium	23.9	N	1	0.051	0.14	0.54	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-48-4	Cobalt	13.3	N	1	0.11	0.41	1.63	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-50-8	Copper	71.1		1	0.24	0.87	1.09	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7439-89-6	Iron	21800		1	4.34	4.35	5.44	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7439-92-1	Lead	26.8		1	0.14	0.52	0.65	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7439-95-4	Magnesium	5180		1	13.1	27.2	109	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7439-96-5	Manganese	357		1	0.15	0.27	1.09	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7439-97-6	Mercury	0.068		1	0.0090	0.014	0.017	mg/Kg	07/18/25 15:50	07/21/25 12:42	7471B	
7440-02-0	Nickel	22.7		1	0.14	0.54	2.18	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-09-7	Potassium	4350		1	30.1	87.1	109	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7782-49-2	Selenium	0.87	UN	1	0.28	0.87	1.09	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-22-4	Silver	4.92	N	1	0.13	0.27	0.54	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-23-5	Sodium	93.0	J	1	19.4	87.1	109	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-28-0	Thallium	1.16	J	1	0.25	1.09	2.18	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-62-2	Vanadium	33.2		1	0.27	1.09	2.18	mg/Kg	07/18/25 14:50	07/21/25 16:04	6010D	SW3050
7440-66-6	Zinc	82.9		1	0.25	0.54	2.18	mg/Kg	07/18/25 14:50	07/21/25 16:04	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-36-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11400		1	0.85	4.05	5.07	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-36-0	Antimony	0.63	UN	1	0.22	0.63	2.53	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-38-2	Arsenic	9.50	N	1	0.19	0.81	1.01	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-39-3	Barium	81.3		1	0.74	1.27	5.07	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-41-7	Beryllium	0.60	N	1	0.025	0.076	0.30	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-43-9	Cadmium	0.57	*	1	0.024	0.076	0.30	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-70-2	Calcium	2710		1	11.2	25.3	101	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-47-3	Chromium	23.0	N	1	0.048	0.13	0.51	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-48-4	Cobalt	13.0	N	1	0.10	0.38	1.52	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-50-8	Copper	67.9		1	0.22	0.81	1.01	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7439-89-6	Iron	20600		1	4.04	4.05	5.07	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7439-92-1	Lead	26.4		1	0.13	0.49	0.61	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7439-95-4	Magnesium	5000		1	12.2	25.3	101	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7439-96-5	Manganese	344		1	0.14	0.25	1.01	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7439-97-6	Mercury	0.062		1	0.0080	0.012	0.014	mg/Kg	07/18/25 15:50	07/21/25 12:44	7471B	
7440-02-0	Nickel	22.1		1	0.13	0.51	2.03	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-09-7	Potassium	4140		1	28.1	81.1	101	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7782-49-2	Selenium	0.81	UN	1	0.26	0.81	1.01	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-22-4	Silver	4.61	N	1	0.12	0.25	0.51	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-23-5	Sodium	84.6	J	1	18.0	81.1	101	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-28-0	Thallium	1.24	J	1	0.23	1.01	2.03	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-62-2	Vanadium	32.1		1	0.25	1.01	2.03	mg/Kg	07/18/25 14:50	07/21/25 16:08	6010D	SW3050
7440-66-6	Zinc	78.8		1	0.23	0.51	2.03	mg/Kg	07/18/25 14:50	07/21/25 16:08	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

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

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-37-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11300		1	0.93	4.42	5.52	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-36-0	Antimony	0.69	UN	1	0.24	0.69	2.76	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-38-2	Arsenic	9.62	N	1	0.21	0.88	1.10	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-39-3	Barium	79.6		1	0.81	1.38	5.52	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-41-7	Beryllium	0.61	N	1	0.028	0.083	0.33	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-43-9	Cadmium	0.53	*	1	0.027	0.083	0.33	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-70-2	Calcium	2620		1	12.3	27.6	110	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-47-3	Chromium	22.8	N	1	0.052	0.14	0.55	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-48-4	Cobalt	12.8	N	1	0.11	0.41	1.66	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-50-8	Copper	69.1		1	0.24	0.88	1.10	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7439-89-6	Iron	20400		1	4.41	4.42	5.52	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7439-92-1	Lead	27.8		1	0.14	0.53	0.66	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7439-95-4	Magnesium	4960		1	13.3	27.6	110	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7439-96-5	Manganese	343		1	0.16	0.28	1.10	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7439-97-6	Mercury	0.049		1	0.010	0.014	0.017	mg/Kg	07/18/25 15:50	07/21/25 12:47	7471B	
7440-02-0	Nickel	22.1		1	0.14	0.55	2.21	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-09-7	Potassium	4010		1	30.6	88.4	110	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7782-49-2	Selenium	0.88	UN	1	0.29	0.88	1.10	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-22-4	Silver	4.56	N	1	0.13	0.28	0.55	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-23-5	Sodium	78.3	J	1	19.7	88.4	110	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-28-0	Thallium	1.26	J	1	0.25	1.10	2.21	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-62-2	Vanadium	31.4		1	0.28	1.10	2.21	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050
7440-66-6	Zinc	79.7		1	0.25	0.55	2.21	mg/Kg	07/18/25 14:50	07/21/25 16:12	6010D	SW3050

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

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N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-02	OU4-TS-31-071725	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	
Q2638-03	OU4-TS-32-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-04	OU4-TS-32-071725	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	
Q2638-05	OU4-TS-33-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-06	OU4-TS-33-071725	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	
Q2638-07	OU4-TS-34-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-08	OU4-TS-34-071725	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	
Q2638-09	OU4-TS-35-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-10	OU4-TS-35-071725	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	
Q2638-11	OU4-TS-36-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-12	OU4-TS-36-071725	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	
Q2638-13	OU4-TS-37-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-14	OU4-TS-37-071725	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	

Hit Summary Sheet
SW-846

SDG No.: Q2638 **Order ID:** Q2638
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-31-071725									
Q2638-02	OU4-TS-31-071725	Water	Antimony	13.4	D	0.55	1.25	10.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Arsenic	63.3	D	0.45	1.25	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Barium	120	D	1.05	6.25	50.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Cadmium	8.75	D	1.70	2.50	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Chromium	50.4	D	1.05	3.75	10.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Copper	381	D	1.50	7.50	10.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Lead	82.3	D	5.25	18.8	25.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Nickel	151	D	1.35	3.75	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Mercury	0.081	J	0.076	0.16	0.20	ug/L
Q2638-02	OU4-TS-31-071725	Water	Silver	3.55	JD	0.30	2.50	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Thallium	2.25	JD	1.50	12.5	25.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Vanadium	126	D	0.39	1.25	25.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Zinc	1780	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-32-071725									
Q2638-04	OU4-TS-32-071725	Water	Antimony	9.70	JD	0.55	1.25	10.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Arsenic	111	D	4.45	12.5	50.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Barium	182	D	1.05	6.25	50.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Cadmium	11.8	D	1.70	2.50	5.00	ug/L
Q2638-04	OU4-TS-32-071725	Water	Chromium	106	D	1.05	3.75	10.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Copper	786	D	1.50	7.50	10.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Lead	147	D	5.25	18.8	25.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Nickel	282	D	1.35	3.75	5.00	ug/L
Q2638-04	OU4-TS-32-071725	Water	Mercury	0.35		0.076	0.16	0.20	ug/L
Q2638-04	OU4-TS-32-071725	Water	Silver	2.45	JD	0.30	2.50	5.00	ug/L
Q2638-04	OU4-TS-32-071725	Water	Thallium	2.50	JD	1.50	12.5	25.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Vanadium	200	D	0.39	1.25	25.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Zinc	1970	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-33-071725									
Q2638-06	OU4-TS-33-071725	Water	Antimony	8.40	JD	0.55	1.25	10.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Arsenic	70.2	D	0.45	1.25	5.00	ug/L
Q2638-06	OU4-TS-33-071725	Water	Barium	115	D	1.05	6.25	50.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Cadmium	9.50	D	1.70	2.50	5.00	ug/L
Q2638-06	OU4-TS-33-071725	Water	Chromium	66.0	D	1.05	3.75	10.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Copper	604	D	1.50	7.50	10.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Lead	99.8	D	5.25	18.8	25.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Nickel	205	D	1.35	3.75	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2638 **Order ID:** Q2638
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-06	OU4-TS-33-071725	Water	Silver	1.90	JD	0.30	2.50	5.00	ug/L
Q2638-06	OU4-TS-33-071725	Water	Thallium	2.00	JD	1.50	12.5	25.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Vanadium	145	D	0.39	1.25	25.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Zinc	1760	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-34-071725									
Q2638-08	OU4-TS-34-071725	Water	Antimony	7.30	JD	0.55	1.25	10.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Arsenic	52.5	D	0.45	1.25	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Barium	125	D	1.05	6.25	50.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Cadmium	11.6	D	1.70	2.50	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Chromium	51.0	D	1.05	3.75	10.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Copper	371	D	1.50	7.50	10.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Lead	52.5	D	10.5	37.5	50.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Nickel	230	D	1.35	3.75	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Silver	1.50	JD	0.30	2.50	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Vanadium	78.8	D	0.39	1.25	25.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Zinc	2020	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-35-071725									
Q2638-10	OU4-TS-35-071725	Water	Antimony	8.70	JD	0.55	1.25	10.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Arsenic	42.7	D	0.45	1.25	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Barium	84.6	D	1.05	6.25	50.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Beryllium	3.05	JD	1.60	3.75	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Cadmium	12.3	D	1.70	2.50	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Chromium	171	D	1.05	3.75	10.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Copper	1400	D	1.50	7.50	10.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Lead	240	D	10.5	37.5	50.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Nickel	227	D	1.35	3.75	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Mercury	0.28		0.076	0.16	0.20	ug/L
Q2638-10	OU4-TS-35-071725	Water	Silver	2.05	JD	0.30	2.50	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Vanadium	204	D	0.39	1.25	25.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Zinc	1860	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-36-071725									
Q2638-12	OU4-TS-36-071725	Water	Antimony	9.10	JD	0.55	1.25	10.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Arsenic	45.4	D	0.45	1.25	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Barium	88.1	D	1.05	6.25	50.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Beryllium	3.50	JD	1.60	3.75	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Cadmium	11.9	D	1.70	2.50	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Chromium	182	D	1.05	3.75	10.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Copper	1430	D	1.50	7.50	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2638

Order ID: Q2638

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-12	OU4-TS-36-071725	Water	Lead	255	D	10.5	37.5	50.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Nickel	205	D	1.35	3.75	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Mercury	0.30		0.076	0.16	0.20	ug/L
Q2638-12	OU4-TS-36-071725	Water	Silver	1.95	JD	0.30	2.50	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Vanadium	198	D	0.39	1.25	25.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Zinc	1820	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-37-071725									
Q2638-14	OU4-TS-37-071725	Water	Antimony	8.90	JD	0.55	1.25	10.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Arsenic	45.5	D	0.45	1.25	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Barium	87.5	D	1.05	6.25	50.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Beryllium	3.45	JD	1.60	3.75	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Cadmium	14.9	D	1.70	2.50	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Chromium	193	D	1.05	3.75	10.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Copper	1650	D	1.50	7.50	10.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Lead	272	D	5.25	18.8	25.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Nickel	230	D	1.35	3.75	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Mercury	0.17	J	0.076	0.16	0.20	ug/L
Q2638-14	OU4-TS-37-071725	Water	Silver	2.05	JD	0.30	2.50	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Thallium	1.75	JD	1.50	12.5	25.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Vanadium	223	D	0.39	1.25	25.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Zinc	2040	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-31-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-02	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	13.4	DN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-38-2	Arsenic	63.3	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-39-3	Barium	120	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:21	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 17:21	6020B	3010A
7440-43-9	Cadmium	8.75	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	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 17:21	6020B	3010A
7440-50-8	Copper	381	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7439-92-1	Lead	82.3	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:15	6020B	3010A
7439-97-6	Mercury	0.081	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:39	7470A	
7440-02-0	Nickel	151	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	07/21/25 11:30	07/22/25 22:15	6020B	3010A
7440-22-4	Silver	3.55	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-28-0	Thallium	2.25	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 22:15	6020B	3010A
7440-62-2	Vanadium	126	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-66-6	Zinc	1780	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:21	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-32-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-04	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	9.70	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-38-2	Arsenic	111	D	50	4.45	12.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:34	6020B	3010A
7440-39-3	Barium	182	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:25	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 17:25	6020B	3010A
7440-43-9	Cadmium	11.8	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-47-3	Chromium	106	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-50-8	Copper	786	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7439-92-1	Lead	147	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:18	6020B	3010A
7439-97-6	Mercury	0.35		1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:42	7470A	
7440-02-0	Nickel	282	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:34	6020B	3010A
7440-22-4	Silver	2.45	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-28-0	Thallium	2.50	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 22:18	6020B	3010A
7440-62-2	Vanadium	200	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-66-6	Zinc	1970	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:25	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-33-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-06	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	8.40	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-38-2	Arsenic	70.2	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-39-3	Barium	115	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:28	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 17:28	6020B	3010A
7440-43-9	Cadmium	9.50	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-47-3	Chromium	66.0	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-50-8	Copper	604	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7439-92-1	Lead	99.8	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:21	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 15:44	7470A	
7440-02-0	Nickel	205	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:50	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 17:28	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 22:21	6020B	3010A
7440-62-2	Vanadium	145	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-66-6	Zinc	1760	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:28	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-34-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-08	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	7.30	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-38-2	Arsenic	52.5	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-39-3	Barium	125	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:31	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 17:31	6020B	3010A
7440-43-9	Cadmium	11.6	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-47-3	Chromium	51.0	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-50-8	Copper	371	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7439-92-1	Lead	52.5	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:53	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 15:46	7470A	
7440-02-0	Nickel	230	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:53	6020B	3010A
7440-22-4	Silver	1.50	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	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 12:53	6020B	3010A
7440-62-2	Vanadium	78.8	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-66-6	Zinc	2020	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A

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

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N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-35-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-10	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	8.70	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-38-2	Arsenic	42.7	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-39-3	Barium	84.6	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-41-7	Beryllium	3.05	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-43-9	Cadmium	12.3	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-47-3	Chromium	171	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-50-8	Copper	1400	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7439-92-1	Lead	240	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:56	6020B	3010A
7439-97-6	Mercury	0.28		1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:48	7470A	
7440-02-0	Nickel	227	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:56	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 17:34	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 12:56	6020B	3010A
7440-62-2	Vanadium	204	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-66-6	Zinc	1860	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:34	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

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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
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-36-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-12	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	9.10	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-38-2	Arsenic	45.4	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-39-3	Barium	88.1	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-41-7	Beryllium	3.50	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-43-9	Cadmium	11.9	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-47-3	Chromium	182	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-50-8	Copper	1430	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7439-92-1	Lead	255	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:59	6020B	3010A
7439-97-6	Mercury	0.30		1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:01	7470A	
7440-02-0	Nickel	205	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:59	6020B	3010A
7440-22-4	Silver	1.95	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	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 12:59	6020B	3010A
7440-62-2	Vanadium	198	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-66-6	Zinc	1820	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:37	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-37-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-14	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	8.90	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-38-2	Arsenic	45.5	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-39-3	Barium	87.5	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-41-7	Beryllium	3.45	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-43-9	Cadmium	14.9	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	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 17:40	6020B	3010A
7440-50-8	Copper	1650	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7439-92-1	Lead	272	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:24	6020B	3010A
7439-97-6	Mercury	0.17	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:03	7470A	
7440-02-0	Nickel	230	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:03	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 17:40	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 22:24	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 17:40	6020B	3010A
7440-66-6	Zinc	2040	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:40	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:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-02	OU4-TS-31-071725	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	
Q2638-03	OU4-TS-32-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-04	OU4-TS-32-071725	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	
Q2638-05	OU4-TS-33-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-06	OU4-TS-33-071725	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	
Q2638-07	OU4-TS-34-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-08	OU4-TS-34-071725	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	
Q2638-09	OU4-TS-35-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-10	OU4-TS-35-071725	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	
Q2638-11	OU4-TS-36-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-12	OU4-TS-36-071725	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	
Q2638-13	OU4-TS-37-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-14	OU4-TS-37-071725	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	



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 10:30
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-31-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-01	Matrix:	SOIL
		% Solid:	68.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.082	J	1	0.061	0.29	0.36	mg/Kg	07/18/25 13:00	07/21/25 10:22	9012B

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 10:40
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-32-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-03	Matrix:	SOIL
		% Solid:	65.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.30	U	1	0.062	0.30	0.37	mg/Kg	07/18/25 13:00	07/21/25 10:22	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
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Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 10:50
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-33-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-05	Matrix:	SOIL
		% Solid:	64.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.077	J	1	0.062	0.30	0.37	mg/Kg	07/18/25 13:00	07/21/25 10:22	9012B

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 11:00
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-34-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-07	Matrix:	SOIL
		% Solid:	68.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.29	U	1	0.060	0.29	0.36	mg/Kg	07/18/25 13:00	07/21/25 10:22	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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Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 11:10
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-35-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-09	Matrix:	SOIL
		% Solid:	82.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.24	U	1	0.050	0.24	0.30	mg/Kg	07/18/25 13:00	07/21/25 10:22	9012B

Comments:

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LOQ = Limit of Quantitation
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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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OR = Over Range
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Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 11:20
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-36-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-11	Matrix:	SOIL
		% Solid:	81.9

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 10:33	9012B

Comments:

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LOD = Limit of Detection
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Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25 11:30
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-37-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-13	Matrix:	SOIL
		% Solid:	81.2

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

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N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL			07/17/25			07/18/25
			Cyanide	9012B	10:30	07/18/25	07/21/25 10:22	
Q2638-03	OU4-TS-32-071725	SOIL			07/17/25			07/18/25
			Cyanide	9012B	10:40	07/18/25	07/21/25 10:22	
Q2638-05	OU4-TS-33-071725	SOIL			07/17/25			07/18/25
			Cyanide	9012B	10:50	07/18/25	07/21/25 10:22	
Q2638-07	OU4-TS-34-071725	SOIL			07/17/25			07/18/25
			Cyanide	9012B	11:00	07/18/25	07/21/25 10:22	
Q2638-09	OU4-TS-35-071725	SOIL			07/17/25			07/18/25
			Cyanide	9012B	11:10	07/18/25	07/21/25 10:22	
Q2638-11	OU4-TS-36-071725	SOIL			07/17/25			07/18/25
			Cyanide	9012B	11:20	07/18/25	07/21/25 10:33	
Q2638-13	OU4-TS-37-071725	SOIL			07/17/25			07/18/25
			Cyanide	9012B	11:30	07/18/25	07/21/25 10:33	