



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

A

B

C

D

Hit Summary Sheet SW-846

SDG No.: Q1383
Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :				0.000					
Total Svoc :					0.00				
Total Concentration:					0.00				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141686.D	1	02/19/25 10:05	02/19/25 20:39	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	55.2		37 - 122	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.8		44 - 115	58%	SPK: 100
1718-51-0	Terphenyl-d14	66.6		54 - 127	67%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	88300	6.781
1146-65-2	Naphthalene-d8	354000	8.063
15067-26-2	Acenaphthene-d10	190000	9.81
1517-22-2	Phenanthrene-d10	317000	11.298
1719-03-5	Chrysene-d12	169000	13.933
1520-96-3	Perylene-d12	172000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141686.D	1	02/19/25 10:05	02/19/25 20:39	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-12-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
Sample Wt/Vol:	30.09 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
BF141687.D	1	02/19/25 10:05	02/19/25 21:09	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	57.0		37 - 122	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.1		44 - 115	60%	SPK: 100
1718-51-0	Terphenyl-d14	70.7		54 - 127	71%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	90800	6.781
1146-65-2	Naphthalene-d8	362000	8.063
15067-26-2	Acenaphthene-d10	193000	9.816
1517-22-2	Phenanthrene-d10	317000	11.298
1719-03-5	Chrysene-d12	170000	13.933
1520-96-3	Perylene-d12	174000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-12-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
Sample Wt/Vol:	30.09 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
BF141687.D	1	02/19/25 10:05	02/19/25 21:09	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-13-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
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
BF141688.D	1	02/19/25 10:05	02/19/25 21:38	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	58.4		37 - 122	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.9		44 - 115	62%	SPK: 100
1718-51-0	Terphenyl-d14	72.0		54 - 127	72%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	90300	6.781
1146-65-2	Naphthalene-d8	359000	8.063
15067-26-2	Acenaphthene-d10	192000	9.816
1517-22-2	Phenanthrene-d10	318000	11.298
1719-03-5	Chrysene-d12	170000	13.933
1520-96-3	Perylene-d12	175000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-13-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
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
BF141688.D	1	02/19/25 10:05	02/19/25 21:38	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-14-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
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
BF141689.D	1	02/19/25 10:05	02/19/25 22:07	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	63.6		37 - 122	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.0		44 - 115	69%	SPK: 100
1718-51-0	Terphenyl-d14	79.8		54 - 127	80%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	87500	6.781
1146-65-2	Naphthalene-d8	348000	8.063
15067-26-2	Acenaphthene-d10	182000	9.816
1517-22-2	Phenanthrene-d10	309000	11.298
1719-03-5	Chrysene-d12	162000	13.933
1520-96-3	Perylene-d12	168000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-14-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
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
BF141689.D	1	02/19/25 10:05	02/19/25 22:07	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
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
BF141690.D	1	02/19/25 10:05	02/19/25 22:37	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	76.3		37 - 122		76%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		44 - 115		80%	SPK: 100
1718-51-0	Terphenyl-d14	96.5		54 - 127		96%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	94000	6.781
1146-65-2	Naphthalene-d8	374000	8.063
15067-26-2	Acenaphthene-d10	200000	9.81
1517-22-2	Phenanthrene-d10	337000	11.298
1719-03-5	Chrysene-d12	183000	13.933
1520-96-3	Perylene-d12	184000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
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
BF141690.D	1	02/19/25 10:05	02/19/25 22:37	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-16-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
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
BF141700.D	1	02/19/25 10:05	02/20/25 13:36	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	53.4		37 - 122	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.7		44 - 115	58%	SPK: 100
1718-51-0	Terphenyl-d14	61.1		54 - 127	61%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	82400	6.775
1146-65-2	Naphthalene-d8	322000	8.063
15067-26-2	Acenaphthene-d10	168000	9.81
1517-22-2	Phenanthrene-d10	284000	11.298
1719-03-5	Chrysene-d12	192000	13.933
1520-96-3	Perylene-d12	146000	15.374

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-16-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
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
BF141700.D	1	02/19/25 10:05	02/20/25 13:36	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-17-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141701.D	1	02/19/25 10:05	02/20/25 14:06	PB166776

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

TARGETS

91-20-3	Naphthalene	0.14	U	0.090	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.090	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.095	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.089	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.093	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.092	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.092	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.091	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.088	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.087	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.089	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.085	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.089	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.088	0.14	0.19	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	52.6		37 - 122	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.1		44 - 115	56%	SPK: 100
1718-51-0	Terphenyl-d14	59.5		54 - 127	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	83500	6.781
1146-65-2	Naphthalene-d8	328000	8.063
15067-26-2	Acenaphthene-d10	174000	9.81
1517-22-2	Phenanthrene-d10	295000	11.298
1719-03-5	Chrysene-d12	196000	13.933
1520-96-3	Perylene-d12	159000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-17-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141701.D	1	02/19/25 10:05	02/20/25 14:06	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-18-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.9
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
BF141702.D	1	02/19/25 10:05	02/20/25 14:36	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	60.3		37 - 122	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.6		44 - 115	64%	SPK: 100
1718-51-0	Terphenyl-d14	69.1		54 - 127	69%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	84700	6.775
1146-65-2	Naphthalene-d8	329000	8.063
15067-26-2	Acenaphthene-d10	174000	9.81
1517-22-2	Phenanthrene-d10	301000	11.298
1719-03-5	Chrysene-d12	190000	13.933
1520-96-3	Perylene-d12	160000	15.374

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-18-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.9
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
BF141702.D	1	02/19/25 10:05	02/20/25 14:36	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-19-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141703.D	1	02/19/25 10:05	02/20/25 15:07	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	54.2		37 - 122	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.9		44 - 115	58%	SPK: 100
1718-51-0	Terphenyl-d14	66.4		54 - 127	66%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	89200	6.781
1146-65-2	Naphthalene-d8	348000	8.063
15067-26-2	Acenaphthene-d10	185000	9.81
1517-22-2	Phenanthrene-d10	314000	11.298
1719-03-5	Chrysene-d12	193000	13.939
1520-96-3	Perylene-d12	168000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-19-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141703.D	1	02/19/25 10:05	02/20/25 15:07	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-20-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
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
BF141704.D	1	02/19/25 10:05	02/20/25 15:36	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	50.0		37 - 122	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.7		44 - 115	55%	SPK: 100
1718-51-0	Terphenyl-d14	61.1		54 - 127	61%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	89200	6.781
1146-65-2	Naphthalene-d8	355000	8.063
15067-26-2	Acenaphthene-d10	186000	9.816
1517-22-2	Phenanthrene-d10	316000	11.298
1719-03-5	Chrysene-d12	191000	13.939
1520-96-3	Perylene-d12	170000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-20-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.2
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
BF141704.D	1	02/19/25 10:05	02/20/25 15:36	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-CF-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-21	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141705.D	1	02/19/25 10:05	02/20/25 16:05	PB166776

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

TARGETS

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

SURROGATES

4165-60-0	Nitrobenzene-d5	61.6		37 - 122	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.4		44 - 115	65%	SPK: 100
1718-51-0	Terphenyl-d14	72.2		54 - 127	72%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	89400	6.781
1146-65-2	Naphthalene-d8	350000	8.063
15067-26-2	Acenaphthene-d10	182000	9.81
1517-22-2	Phenanthrene-d10	312000	11.298
1719-03-5	Chrysene-d12	183000	13.939
1520-96-3	Perylene-d12	169000	15.38

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-CF-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-21	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141705.D	1	02/19/25 10:05	02/20/25 16:05	PB166776

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q1383	OrderDate:	2/18/2025 11:19:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1383-01	OU4-PCS-TC-11-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1383-03	OU4-PCS-TC-12-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1383-05	OU4-PCS-TC-13-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1383-07	OU4-PCS-TC-14-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1383-09	OU4-PCS-TC-15-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/19/25	
Q1383-11	OU4-PCS-TC-16-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/20/25	
Q1383-13	OU4-PCS-TC-17-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/20/25	
Q1383-15	OU4-PCS-TC-18-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/20/25	
Q1383-17	OU4-PCS-TC-19-0217 25	SOIL			02/17/25			02/18/25
			SVOCMS Group3	8270E		02/19/25	02/20/25	

LAB CHRONICLE

Q1383-19	OU4-PCS-TC-20-0217 25	SOIL	02/17/25				02/18/25
			SVOCMS Group3	8270E	02/19/25	02/20/25	
Q1383-21	OU4-CF-15-021725	SOIL	02/17/25				02/18/25
			SVOCMS Group3	8270E	02/19/25	02/20/25	