

Hit Summary Sheet
SW-846

SDG No.: Q1382

Order ID: Q1382

Client: Nobis Group

Project ID: Raymark Superfund Site

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



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069839.D	1	02/19/25 08:10	02/19/25 13:32	PB166770

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

Comments:

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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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-02-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.7	Decanted:
Sample Wt/Vol:	30.1	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069847.D	1	02/19/25 08:10	02/19/25 16:47	PB166770

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

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Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-02-021725RE		SDG No.:	Q1382	
Lab Sample ID:	Q1382-03RE		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.7	Decanted:
Sample Wt/Vol:	30.1	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069928.D	1	02/19/25 08:10	02/20/25 20:02	PB166770

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

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Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-03-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-05		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.4	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069848.D	1	02/19/25 08:10	02/19/25 17:03	PB166770

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-05RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069929.D	1	02/19/25 08:10	02/20/25 20:18	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	11.6	J	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		137%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		60 - 125		117%	SPK: 20

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Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-04-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-07		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.5	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069849.D	1	02/19/25 08:10	02/19/25 17:19	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.9	*	44 - 130		139%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	SPK: 20

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Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-04-021725RE		SDG No.:	Q1382	
Lab Sample ID:	Q1382-07RE		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.5	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069930.D	1	02/19/25 08:10	02/20/25 20:34	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
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37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	28.4	*	44 - 130		142%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		60 - 125		120%	SPK: 20

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Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-05-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-09		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069945.D	1	02/19/25 08:10	02/21/25 00:59	PB166770

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

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

Comments:

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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:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-06-021725RE		SDG No.:	Q1382	
Lab Sample ID:	Q1382-11RE		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.2	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069931.D	1	02/19/25 08:10	02/20/25 20:50	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	18.2	J	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	28.8	*	44 - 130		144%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-07-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-13		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.2	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069852.D	1	02/19/25 08:10	02/19/25 18:08	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	43.2		3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.8	*	44 - 130		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-08-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-15		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.6	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069853.D	1	02/19/25 08:10	02/19/25 18:24	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.70	8.90	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.70	8.90	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.3		44 - 130		126%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 125		99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	02/17/25	
Project:	Raymark Superfund Site		Date Received:	02/18/25	
Client Sample ID:	OU4-PCS-TC-09-021725		SDG No.:	Q1382	
Lab Sample ID:	Q1382-17		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.6	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069854.D	1	02/19/25 08:10	02/19/25 18:40	PB166770

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.60	8.90	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	6.80	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	13.9	U	3.60	13.9	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.60	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	8.40	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	13.9	U	2.90	13.9	18.2	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.2	ug/kg
11100-14-4	Aroclor-1268	13.9	U	3.70	13.9	18.2	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.1	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.7		60 - 125		118%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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M = MS/MSD acceptance criteria did not meet requirements

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() = Laboratory InHouse Limit

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.60	8.90	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	6.80	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	13.9	U	3.60	13.9	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.60	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	8.40	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	13.9	U	2.90	13.9	18.2	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.2	ug/kg
11100-14-4	Aroclor-1268	13.9	U	3.70	13.9	18.2	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.9	*	44 - 130		140%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.8		60 - 125		124%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

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LAB CHRONICLE

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

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

LAB CHRONICLE

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