

Hit Summary Sheet
SW-846

SDG No.: Q1383		Order ID: Q1383	
Client:	Nobis Group	Project ID:	Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : Q1383-01	OU4-PCS-TC-11-021725	OU4-PCS-TC-11-0217 SOIL	Aroclor-1254	10.7	J	2.90	14.0	18.3	ug/kg
Total Concentration:			10.700						
Client ID : Q1383-03	OU4-PCS-TC-12-021725		Aroclor-1254	6.70	J	3.00	14.1	18.4	ug/kg
Total Concentration:			6.700						
Client ID : Q1383-07	OU4-PCS-TC-14-021725	OU4-PCS-TC-14-0217 SOIL	Aroclor-1254	4.10	J	3.00	14.1	18.5	ug/kg
Total Concentration:			4.100						
Client ID : Q1383-09	OU4-PCS-TC-15-021725		Aroclor-1254	20.4		2.90	14.0	18.3	ug/kg
Total Concentration:			20.400						
Client ID : Q1383-09RE	OU4-PCS-TC-15-021725RE	OU4-PCS-TC-15-0217 SOIL	Aroclor-1254	21.4		2.90	14.0	18.3	ug/kg
Total Concentration:			21.400						



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:	SW8082A	% Solid:	92.6
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
PP069865.D	1	02/19/25 09:40	02/19/25 22:44	PB166774

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	10.7	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	25.6		44 - 130		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		60 - 125		108%	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-12-021725		SDG No.:	Q1383	
Lab Sample ID:	Q1383-03		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
PP069958.D	1	02/19/25 09:40	02/21/25 11:58	PB166774

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	6.70	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	24.2		44 - 130		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		60 - 125		106%	SPK: 20

Comments:

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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-13-021725		SDG No.:	Q1383	
Lab Sample ID:	Q1383-05		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.5	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069959.D	1	02/19/25 09:40	02/21/25 12:14	PB166774

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	24.4		44 - 130		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		60 - 125		109%	SPK: 20

Comments:

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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-14-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.1
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069960.D	1	02/19/25 09:40	02/21/25 12:31	PB166774

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	4.10	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	25.8		44 - 130		129%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		60 - 125		116%	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-15-021725		SDG No.:	Q1383	
Lab Sample ID:	Q1383-09		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.5	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069871.D	1	02/19/25 09:40	02/20/25 00:21	PB166774

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	20.4		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	23.9		60 - 125		119%	SPK: 20

Comments:

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 M = MS/MSD acceptance criteria did not meet requirements

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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-15-021725RE	SDG No.:	Q1383
Lab Sample ID:	Q1383-09RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5
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
PP069941.D	1	02/19/25 09:40	02/20/25 23:54	PB166774

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	21.4		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	27.8	*	44 - 130		139%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.0		60 - 125		125%	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-16-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.1
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
PP069946.D	1	02/19/25 09:40	02/21/25 01:15	PB166774

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	8.60	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	14.1	U	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	25.6		44 - 130		128%	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-17-021725		SDG No.:	Q1383	
Lab Sample ID:	Q1383-13		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.4	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
PP069878.D	1	02/19/25 09:40	02/20/25 03:20	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	3.70	9.10	18.6	ug/kg
11104-28-2	Aroclor-1221	14.2	U	7.00	14.2	18.6	ug/kg
11141-16-5	Aroclor-1232	14.2	U	3.70	14.2	18.6	ug/kg
53469-21-9	Aroclor-1242	9.10	U	3.70	9.10	18.6	ug/kg
12672-29-6	Aroclor-1248	14.2	U	8.60	14.2	18.6	ug/kg
11097-69-1	Aroclor-1254	14.2	U	3.00	14.2	18.6	ug/kg
37324-23-5	Aroclor-1262	9.10	U	5.00	9.10	18.6	ug/kg
11100-14-4	Aroclor-1268	14.2	U	3.80	14.2	18.6	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.20	9.10	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.1	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		60 - 125		112%	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-17-021725RE		SDG No.:	Q1383	
Lab Sample ID:	Q1383-13RE		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.4	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
PP069942.D	1	02/19/25 09:40	02/21/25 00:10	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	3.70	9.10	18.6	ug/kg
11104-28-2	Aroclor-1221	14.2	U	7.00	14.2	18.6	ug/kg
11141-16-5	Aroclor-1232	14.2	U	3.70	14.2	18.6	ug/kg
53469-21-9	Aroclor-1242	9.10	U	3.70	9.10	18.6	ug/kg
12672-29-6	Aroclor-1248	14.2	U	8.60	14.2	18.6	ug/kg
11097-69-1	Aroclor-1254	14.2	U	3.00	14.2	18.6	ug/kg
37324-23-5	Aroclor-1262	9.10	U	5.00	9.10	18.6	ug/kg
11100-14-4	Aroclor-1268	14.2	U	3.80	14.2	18.6	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.20	9.10	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		138%	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-18-021725		SDG No.:	Q1383	
Lab Sample ID:	Q1383-15		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.9	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
PP069879.D	1	02/19/25 09:40	02/20/25 03:36	PB166774

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	24.8		44 - 130		124%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		60 - 125		98%	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-19-021725		SDG No.:	Q1383	
Lab Sample ID:	Q1383-17		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.1	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
PP069880.D	1	02/19/25 09:40	02/20/25 03:52	PB166774

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	14.1	U	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	26.5	*	44 - 130		133%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		60 - 125		111%	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-19-021725RE	SDG No.:	Q1383
Lab Sample ID:	Q1383-17RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.1
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
PP069943.D	1	02/19/25 09:40	02/21/25 00:27	PB166774

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	14.1	U	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	27.2	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		60 - 125		118%	SPK: 20

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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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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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-20-021725		SDG No.:	Q1383	
Lab Sample ID:	Q1383-19		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	92.2	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
PP069881.D	1	02/19/25 09:40	02/20/25 04:08	PB166774

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	14.1	U	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	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.1		44 - 130		130%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		60 - 125		111%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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B = Analyte Found in Associated Method Blank

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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-CF-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-21	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069882.D	1	02/19/25 09:40	02/20/25 04:24	PB166774

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	26.7	*	44 - 130		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	SPK: 20

Comments:

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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-CF-15-021725RE	SDG No.:	Q1383
Lab Sample ID:	Q1383-21RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5
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
PP069944.D	1	02/19/25 09:40	02/21/25 00:43	PB166774

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	27.6	*	44 - 130		138%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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() = Laboratory InHouse Limit

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
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1383-03	OU4-PCS-TC-12-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-05	OU4-PCS-TC-13-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-07	OU4-PCS-TC-14-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-09	OU4-PCS-TC-15-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-09RE	OU4-PCS-TC-15-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/20/25	
Q1383-11	OU4-PCS-TC-16-0217 25	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	

LAB CHRONICLE

Q1383-13	OU4-PCS-TC-17-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	
			Pesticide-TCL	8081B	02/19/25	02/20/25	
Q1383-13RE	OU4-PCS-TC-17-0217 25RE	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/21/25	
Q1383-15	OU4-PCS-TC-18-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	
			Pesticide-TCL	8081B	02/19/25	02/20/25	
Q1383-17	OU4-PCS-TC-19-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	
			Pesticide-TCL	8081B	02/19/25	02/20/25	
Q1383-17RE	OU4-PCS-TC-19-0217 25RE	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/21/25	
Q1383-19	OU4-PCS-TC-20-0217 25	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	
			Pesticide-TCL	8081B	02/19/25	02/20/25	
Q1383-21	OU4-CF-15-021725	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/20/25	
			Pesticide-TCL	8081B	02/19/25	02/20/25	
Q1383-21RE	OU4-CF-15-021725RE	SOIL			02/17/25		02/18/25
			PCB	8082A	02/19/25	02/21/25	