

Hit Summary Sheet
SW-846

SDG No.: Q1984

Order ID: Q1984

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-24-050725									
Q1984-07	OU4-TS-24-050725	SOIL	Dieldrin	0.00053	J	0.00020	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	4,4-DDE	0.0010	J	0.00020	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	Endrin	0.00027	J	0.00020	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	alpha-Chlordane	0.0016	JP	0.00017	0.00047	0.0024	mg/Kg
Q1984-07	OU4-TS-24-050725	SOIL	gamma-Chlordane	0.0015	J	0.00021	0.00047	0.0024	mg/Kg
Total Concentration:						0.00490			
Client ID : OU4-TS-25-050725									
Q1984-09	OU4-TS-25-050725	SOIL	Dieldrin	0.00047	J	0.00021	0.00048	0.0025	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	4,4-DDE	0.0010	J	0.00021	0.00048	0.0025	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	alpha-Chlordane	0.0014	JP	0.00018	0.00048	0.0025	mg/Kg
Q1984-09	OU4-TS-25-050725	SOIL	gamma-Chlordane	0.0011	J	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:						0.00397			
Client ID : OU4-TS-25-050725RE									
Q1984-09RE	OU4-TS-25-050725RI	SOIL	Dieldrin	0.00045	J	0.00021	0.00048	0.0025	mg/Kg
Q1984-09RE	OU4-TS-25-050725RI	SOIL	4,4-DDE	0.0011	JP	0.00021	0.00048	0.0025	mg/Kg
Q1984-09RE	OU4-TS-25-050725RI	SOIL	alpha-Chlordane	0.0012	JP	0.00018	0.00048	0.0025	mg/Kg
Q1984-09RE	OU4-TS-25-050725RI	SOIL	gamma-Chlordane	0.0013	JP	0.00022	0.00048	0.0025	mg/Kg
Total Concentration:						0.00405			
Client ID : OU4-TS-26-050725									
Q1984-11	OU4-TS-26-050725	SOIL	4,4-DDE	0.0013	J	0.00023	0.00055	0.0028	mg/Kg
Q1984-11	OU4-TS-26-050725	SOIL	alpha-Chlordane	0.00059	JP	0.00020	0.00055	0.0028	mg/Kg
Total Concentration:						0.00189			
Client ID : OU4-TS-26-050725RE									
Q1984-11RE	OU4-TS-26-050725RI	SOIL	4,4-DDE	0.0010	J	0.00023	0.00055	0.0028	mg/Kg
Q1984-11RE	OU4-TS-26-050725RI	SOIL	alpha-Chlordane	0.00051	J	0.00020	0.00055	0.0028	mg/Kg
Total Concentration:						0.00151			
Client ID : OU4-TS-27-050725									
Q1984-13	OU4-TS-27-050725	SOIL	Dieldrin	0.00034	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	4,4-DDE	0.00075	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	alpha-Chlordane	0.00085	JP	0.00019	0.00053	0.0027	mg/Kg
Q1984-13	OU4-TS-27-050725	SOIL	gamma-Chlordane	0.00073	J	0.00024	0.00053	0.0027	mg/Kg
Total Concentration:						0.00297			

Hit Summary Sheet
SW-846

SDG No.: Q1984

Order ID: Q1984

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-27-050725RE									
Q1984-13RE	OU4-TS-27-050725RI	SOIL	Dieldrin	0.00034	JP	0.00022	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI	SOIL	4,4-DDE	0.00068	JP	0.00022	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI	SOIL	Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI	SOIL	alpha-Chlordane	0.00059	JP	0.00019	0.00053	0.0027	mg/Kg
Q1984-13RE	OU4-TS-27-050725RI	SOIL	gamma-Chlordane	0.00075	JP	0.00024	0.00053	0.0027	mg/Kg

Total Concentration:

0.00266

Client ID : OU4-TS-28-050725

Q1984-15	OU4-TS-28-050725	SOIL	Dieldrin	0.00039	J	0.00022	0.00051	0.0026	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	4,4-DDE	0.00070	J	0.00022	0.00051	0.0026	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	alpha-Chlordane	0.00082	JP	0.00019	0.00051	0.0026	mg/Kg
Q1984-15	OU4-TS-28-050725	SOIL	gamma-Chlordane	0.00076	JP	0.00023	0.00051	0.0026	mg/Kg

Total Concentration:

0.00267

Client ID : OU4-TS-28-050725RE

Q1984-15RE	OU4-TS-28-050725RI	SOIL	Dieldrin	0.00048	JP	0.00022	0.00051	0.0026	mg/Kg
Q1984-15RE	OU4-TS-28-050725RI	SOIL	4,4-DDE	0.00079	JP	0.00022	0.00051	0.0026	mg/Kg
Q1984-15RE	OU4-TS-28-050725RI	SOIL	alpha-Chlordane	0.00058	J	0.00019	0.00051	0.0026	mg/Kg
Q1984-15RE	OU4-TS-28-050725RI	SOIL	gamma-Chlordane	0.00072	JP	0.00023	0.00051	0.0026	mg/Kg

Total Concentration:

0.00257



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-33-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	95.1	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088558.D	1	05/13/25 08:30	05/15/25 12:38	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
319-85-7	beta-BHC	0.00087	U	0.00019	0.00087	0.0018	mg/Kg
319-86-8	delta-BHC	0.00087	U	0.00041	0.00087	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
76-44-8	Heptachlor	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
309-00-2	Aldrin	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
60-57-1	Dieldrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-20-8	Endrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00087	U	0.00030	0.00087	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00087	U	0.00039	0.00087	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00087	U	0.00039	0.00087	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.9		55 - 130		109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.9		42 - 129		115%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-33-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	95.1	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088558.D	1	05/13/25 08:30	05/15/25 12:38	PB167959

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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-34-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	95.7	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
PD088561.D	1	05/13/25 08:30	05/15/25 13:19	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
319-85-7	beta-BHC	0.00087	U	0.00019	0.00087	0.0018	mg/Kg
319-86-8	delta-BHC	0.00087	U	0.00041	0.00087	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
76-44-8	Heptachlor	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
309-00-2	Aldrin	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
60-57-1	Dieldrin	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-20-8	Endrin	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00087	U	0.00030	0.00087	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00034	U	0.00014	0.00034	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00034	U	0.00015	0.00034	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00087	U	0.00039	0.00087	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00087	U	0.00020	0.00087	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00087	U	0.00039	0.00087	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00034	U	0.00013	0.00034	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00034	U	0.00016	0.00034	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.034	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.0		55 - 130		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		42 - 129		111%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-34-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	95.7	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
PD088561.D	1	05/13/25 08:30	05/15/25 13:19	PB167959

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

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J = Estimated Value
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 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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	94.4	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
PD088562.D	1	05/13/25 08:30	05/15/25 13:33	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
319-85-7	beta-BHC	0.00088	U	0.00019	0.00088	0.0018	mg/Kg
319-86-8	delta-BHC	0.00088	U	0.00041	0.00088	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
76-44-8	Heptachlor	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
309-00-2	Aldrin	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
60-57-1	Dieldrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-20-8	Endrin	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00088	U	0.00031	0.00088	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00035	U	0.00014	0.00035	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00035	U	0.00015	0.00035	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00088	U	0.00020	0.00088	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00088	U	0.00039	0.00088	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00035	U	0.00013	0.00035	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00035	U	0.00016	0.00035	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0057	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.1		55 - 130		106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.2		42 - 129		116%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	94.4	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
PD088562.D	1	05/13/25 08:30	05/15/25 13:33	PB167959

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

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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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	69.7	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088563.D	1	05/13/25 08:30	05/15/25 13:46	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00047	U	0.00019	0.00047	0.0024	mg/Kg
319-85-7	beta-BHC	0.0012	U	0.00026	0.0012	0.0024	mg/Kg
319-86-8	delta-BHC	0.0012	U	0.00056	0.0012	0.0024	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00047	U	0.00020	0.00047	0.0024	mg/Kg
76-44-8	Heptachlor	0.00047	U	0.00017	0.00047	0.0024	mg/Kg
309-00-2	Aldrin	0.00047	U	0.00017	0.00047	0.0024	mg/Kg
1024-57-3	Heptachlor epoxide	0.0012	U	0.00027	0.0012	0.0024	mg/Kg
959-98-8	Endosulfan I	0.00047	U	0.00020	0.00047	0.0024	mg/Kg
60-57-1	Dieldrin	0.00053	J	0.00020	0.00047	0.0024	mg/Kg
72-55-9	4,4-DDE	0.0010	J	0.00020	0.00047	0.0024	mg/Kg
72-20-8	Endrin	0.00027	J	0.00020	0.00047	0.0024	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00042	0.0012	0.0024	mg/Kg
72-54-8	4,4-DDD	0.00047	U	0.00021	0.00047	0.0024	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00047	U	0.00019	0.00047	0.0024	mg/Kg
50-29-3	4,4-DDT	0.00047	U	0.00020	0.00047	0.0024	mg/Kg
72-43-5	Methoxychlor	0.0012	U	0.00053	0.0012	0.0024	mg/Kg
53494-70-5	Endrin ketone	0.0012	U	0.00027	0.0012	0.0024	mg/Kg
7421-93-4	Endrin aldehyde	0.0012	U	0.00053	0.0012	0.0024	mg/Kg
5103-71-9	alpha-Chlordane	0.0016	JP	0.00017	0.00047	0.0024	mg/Kg
5103-74-2	gamma-Chlordane	0.0015	J	0.00021	0.00047	0.0024	mg/Kg
8001-35-2	Toxaphene	0.024	U	0.0077	0.024	0.047	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.4		55 - 130		72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		42 - 129		98%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	69.7	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088563.D	1	05/13/25 08:30	05/15/25 13:46	PB167959

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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68	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
PD088564.D	1	05/13/25 08:30	05/15/25 14:00	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00049	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)	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00049	U	0.00018	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00049	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	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00047	J	0.00021	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.0010	J	0.00021	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00043	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00049	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00049	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00049	U	0.00021	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	0.0014	JP	0.00018	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.0011	J	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.049	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	9.07	*	55 - 130		45%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.8		42 - 129		74%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68	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
PD088564.D	1	05/13/25 08:30	05/15/25 14:00	PB167959

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

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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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68	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
PD088609.D	1	05/13/25 08:30	05/19/25 16:50	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00049	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)	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
76-44-8	Heptachlor	0.00049	U	0.00018	0.00048	0.0025	mg/Kg
309-00-2	Aldrin	0.00049	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	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
60-57-1	Dieldrin	0.00045	J	0.00021	0.00048	0.0025	mg/Kg
72-55-9	4,4-DDE	0.0011	JP	0.00021	0.00048	0.0025	mg/Kg
72-20-8	Endrin	0.00049	U	0.00021	0.00048	0.0025	mg/Kg
33213-65-9	Endosulfan II	0.0012	U	0.00043	0.0012	0.0025	mg/Kg
72-54-8	4,4-DDD	0.00049	U	0.00022	0.00048	0.0025	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00049	U	0.00019	0.00048	0.0025	mg/Kg
50-29-3	4,4-DDT	0.00049	U	0.00021	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	0.0012	JP	0.00018	0.00048	0.0025	mg/Kg
5103-74-2	gamma-Chlordane	0.0013	JP	0.00022	0.00048	0.0025	mg/Kg
8001-35-2	Toxaphene	0.025	U	0.0079	0.025	0.049	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	10.6	*	55 - 130		53%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.0		42 - 129		70%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68	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
PD088609.D	1	05/13/25 08:30	05/19/25 16:50	PB167959

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

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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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.1	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
PD088569.D	1	05/13/25 08:30	05/15/25 18:08	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00030	0.0014	0.0028	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00065	0.0014	0.0028	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
76-44-8	Heptachlor	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
309-00-2	Aldrin	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
959-98-8	Endosulfan I	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
60-57-1	Dieldrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-55-9	4,4-DDE	0.0013	J	0.00023	0.00055	0.0028	mg/Kg
72-20-8	Endrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00048	0.0014	0.0028	mg/Kg
72-54-8	4,4-DDD	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
50-29-3	4,4-DDT	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
5103-71-9	alpha-Chlordane	0.00059	JP	0.00020	0.00055	0.0028	mg/Kg
5103-74-2	gamma-Chlordane	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
8001-35-2	Toxaphene	0.028	U	0.0090	0.028	0.055	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.02	*	55 - 130		35%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.9		42 - 129		55%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.1	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
PD088569.D	1	05/13/25 08:30	05/15/25 18:08	PB167959

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

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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

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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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.1	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
PD088610.D	1	05/13/25 08:30	05/19/25 17:04	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
319-85-7	beta-BHC	0.0014	U	0.00030	0.0014	0.0028	mg/Kg
319-86-8	delta-BHC	0.0014	U	0.00065	0.0014	0.0028	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
76-44-8	Heptachlor	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
309-00-2	Aldrin	0.00055	U	0.00020	0.00055	0.0028	mg/Kg
1024-57-3	Heptachlor epoxide	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
959-98-8	Endosulfan I	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
60-57-1	Dieldrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-55-9	4,4-DDE	0.0010	J	0.00023	0.00055	0.0028	mg/Kg
72-20-8	Endrin	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
33213-65-9	Endosulfan II	0.0014	U	0.00048	0.0014	0.0028	mg/Kg
72-54-8	4,4-DDD	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00055	U	0.00022	0.00055	0.0028	mg/Kg
50-29-3	4,4-DDT	0.00055	U	0.00023	0.00055	0.0028	mg/Kg
72-43-5	Methoxychlor	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
53494-70-5	Endrin ketone	0.0014	U	0.00032	0.0014	0.0028	mg/Kg
7421-93-4	Endrin aldehyde	0.0014	U	0.00061	0.0014	0.0028	mg/Kg
5103-71-9	alpha-Chlordane	0.00051	J	0.00020	0.00055	0.0028	mg/Kg
5103-74-2	gamma-Chlordane	0.00055	U	0.00025	0.00055	0.0028	mg/Kg
8001-35-2	Toxaphene	0.028	U	0.0090	0.028	0.055	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	5.69	*	55 - 130		28%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.3		42 - 129		52%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	60.1	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
PD088610.D	1	05/13/25 08:30	05/19/25 17:04	PB167959

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

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Report of Analysis

Client:	Nobis Group	Date Collected:	05/07/25
Project:	Raymark Superfund Site	Date Received:	05/08/25
Client Sample ID:	OU4-TS-27-050725	SDG No.:	Q1984
Lab Sample ID:	Q1984-13	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	62.5
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088570.D	1	05/13/25 08:30	05/15/25 18:22	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00029	0.0013	0.0027	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00062	0.0013	0.0027	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
76-44-8	Heptachlor	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
309-00-2	Aldrin	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
959-98-8	Endosulfan I	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
60-57-1	Dieldrin	0.00034	J	0.00022	0.00053	0.0027	mg/Kg
72-55-9	4,4-DDE	0.00075	J	0.00022	0.00053	0.0027	mg/Kg
72-20-8	Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00046	0.0013	0.0027	mg/Kg
72-54-8	4,4-DDD	0.00053	U	0.00024	0.00053	0.0027	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
50-29-3	4,4-DDT	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
5103-71-9	alpha-Chlordane	0.00085	JP	0.00019	0.00053	0.0027	mg/Kg
5103-74-2	gamma-Chlordane	0.00073	J	0.00024	0.00053	0.0027	mg/Kg
8001-35-2	Toxaphene	0.027	U	0.0087	0.027	0.053	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	9.05	*	55 - 130		45%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.1		42 - 129		76%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	62.5	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
PD088570.D	1	05/13/25 08:30	05/15/25 18:22	PB167959

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:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	62.5	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
PD088611.D	1	05/13/25 08:30	05/19/25 17:18	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
319-85-7	beta-BHC	0.0013	U	0.00029	0.0013	0.0027	mg/Kg
319-86-8	delta-BHC	0.0013	U	0.00062	0.0013	0.0027	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
76-44-8	Heptachlor	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
309-00-2	Aldrin	0.00053	U	0.00019	0.00053	0.0027	mg/Kg
1024-57-3	Heptachlor epoxide	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
959-98-8	Endosulfan I	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
60-57-1	Dieldrin	0.00034	JP	0.00022	0.00053	0.0027	mg/Kg
72-55-9	4,4-DDE	0.00068	JP	0.00022	0.00053	0.0027	mg/Kg
72-20-8	Endrin	0.00030	J	0.00022	0.00053	0.0027	mg/Kg
33213-65-9	Endosulfan II	0.0013	U	0.00046	0.0013	0.0027	mg/Kg
72-54-8	4,4-DDD	0.00053	U	0.00024	0.00053	0.0027	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00053	U	0.00021	0.00053	0.0027	mg/Kg
50-29-3	4,4-DDT	0.00053	U	0.00022	0.00053	0.0027	mg/Kg
72-43-5	Methoxychlor	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
53494-70-5	Endrin ketone	0.0013	U	0.00030	0.0013	0.0027	mg/Kg
7421-93-4	Endrin aldehyde	0.0013	U	0.00059	0.0013	0.0027	mg/Kg
5103-71-9	alpha-Chlordane	0.00059	JP	0.00019	0.00053	0.0027	mg/Kg
5103-74-2	gamma-Chlordane	0.00075	JP	0.00024	0.00053	0.0027	mg/Kg
8001-35-2	Toxaphene	0.027	U	0.0087	0.027	0.053	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.17	*	55 - 130		36%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.4		42 - 129		72%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	62.5	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
PD088611.D	1	05/13/25 08:30	05/19/25 17:18	PB167959

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

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

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

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088571.D	1	05/13/25 08:30	05/15/25 18:35	PB167959

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	0.00039	J	0.00022	0.00051	0.0026	mg/Kg
72-55-9	4,4-DDE	0.00070	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	0.00082	JP	0.00019	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00076	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	7.49	*	55 - 130		37%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.6		42 - 129		68%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088571.D	1	05/13/25 08:30	05/15/25 18:35	PB167959

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

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MDL = Method Detection Limit

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Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088612.D	1	05/13/25 08:30	05/19/25 17:31	PB167959

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	0.00048	JP	0.00022	0.00051	0.0026	mg/Kg
72-55-9	4,4-DDE	0.00079	JP	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	0.00058	J	0.00019	0.00051	0.0026	mg/Kg
5103-74-2	gamma-Chlordane	0.00072	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	5.37	*	55 - 130		27%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.3		42 - 129		66%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725RE		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	64.6	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
PD088612.D	1	05/13/25 08:30	05/19/25 17:31	PB167959

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

U = Not Detected

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-09RE	OU4-TS-25-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-11RE	OU4-TS-26-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	

LAB CHRONICLE

Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-13RE	OU4-TS-27-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/13/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/15/25	
Q1984-15RE	OU4-TS-28-050725RE	SOIL			05/07/25			05/08/25
			Pesticide-TCL	8081B		05/13/25	05/19/25	