

Hit Summary Sheet
SW-846

SDG No.: Q2558

Order ID: Q2558

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-Denali-070925									
Q2558-01	OU4-TS-Denali-07092 SOIL		Dieldrin	0.00097	JP	0.00018	0.00041	0.0021	mg/Kg
Q2558-01	OU4-TS-Denali-07092 SOIL		4,4-DDE	0.0015	JP	0.00018	0.00041	0.0021	mg/Kg
Q2558-01	OU4-TS-Denali-07092 SOIL		Endrin	0.00047	J	0.00018	0.00041	0.0021	mg/Kg
Q2558-01	OU4-TS-Denali-07092 SOIL		4,4-DDT	0.00077	JP	0.00018	0.00041	0.0021	mg/Kg
Q2558-01	OU4-TS-Denali-07092 SOIL		alpha-Chlordane	0.00096	J	0.00015	0.00041	0.0021	mg/Kg
Q2558-01	OU4-TS-Denali-07092 SOIL		gamma-Chlordane	0.00054	J	0.00019	0.00041	0.0021	mg/Kg

Total Concentration:

0.00521

Client ID : OU4-TS-Grillo-OG-070925

Q2558-03	OU4-TS-Grillo-OG-07 SOIL		Heptachlor	0.00028	JP	0.00015	0.00042	0.0022	mg/Kg
Q2558-03	OU4-TS-Grillo-OG-07 SOIL		4,4-DDE	0.0035		0.00018	0.00042	0.0022	mg/Kg
Q2558-03	OU4-TS-Grillo-OG-07 SOIL		4,4-DDD	0.0011	J	0.00019	0.00042	0.0022	mg/Kg
Q2558-03	OU4-TS-Grillo-OG-07 SOIL		4,4-DDT	0.0026		0.00018	0.00042	0.0022	mg/Kg
Q2558-03	OU4-TS-Grillo-OG-07 SOIL		alpha-Chlordane	0.0057	P	0.00015	0.00042	0.0022	mg/Kg
Q2558-03	OU4-TS-Grillo-OG-07 SOIL		gamma-Chlordane	0.0030	P	0.00019	0.00042	0.0022	mg/Kg

Total Concentration:

0.01618

Client ID : OU4-TS-Grillo-OG-070925RE

Q2558-03RE	OU4-TS-Grillo-OG-07 SOIL		Heptachlor	0.00045	JP	0.00015	0.00042	0.0022	mg/Kg
Q2558-03RE	OU4-TS-Grillo-OG-07 SOIL		4,4-DDE	0.0038		0.00018	0.00042	0.0022	mg/Kg
Q2558-03RE	OU4-TS-Grillo-OG-07 SOIL		4,4-DDD	0.00078	J	0.00019	0.00042	0.0022	mg/Kg
Q2558-03RE	OU4-TS-Grillo-OG-07 SOIL		4,4-DDT	0.0033		0.00018	0.00042	0.0022	mg/Kg
Q2558-03RE	OU4-TS-Grillo-OG-07 SOIL		alpha-Chlordane	0.0071	P	0.00015	0.00042	0.0022	mg/Kg
Q2558-03RE	OU4-TS-Grillo-OG-07 SOIL		gamma-Chlordane	0.0034	P	0.00019	0.00042	0.0022	mg/Kg

Total Concentration:

0.01883



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-Denali-070925		SDG No.:	Q2558	
Lab Sample ID:	Q2558-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	79.6	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
PD089487.D	1	07/11/25 08:20	07/14/25 19:28	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
319-85-7	beta-BHC	0.0010	U	0.00023	0.0010	0.0021	mg/Kg
319-86-8	delta-BHC	0.0010	U	0.00049	0.0010	0.0021	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00041	U	0.00018	0.00041	0.0021	mg/Kg
76-44-8	Heptachlor	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
309-00-2	Aldrin	0.00041	U	0.00015	0.00041	0.0021	mg/Kg
1024-57-3	Heptachlor epoxide	0.0010	U	0.00024	0.0010	0.0021	mg/Kg
959-98-8	Endosulfan I	0.00041	U	0.00018	0.00041	0.0021	mg/Kg
60-57-1	Dieldrin	0.00097	JP	0.00018	0.00041	0.0021	mg/Kg
72-55-9	4,4-DDE	0.0015	JP	0.00018	0.00041	0.0021	mg/Kg
72-20-8	Endrin	0.00047	J	0.00018	0.00041	0.0021	mg/Kg
33213-65-9	Endosulfan II	0.0010	U	0.00036	0.0010	0.0021	mg/Kg
72-54-8	4,4-DDD	0.00041	U	0.00019	0.00041	0.0021	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00041	U	0.00016	0.00041	0.0021	mg/Kg
50-29-3	4,4-DDT	0.00077	JP	0.00018	0.00041	0.0021	mg/Kg
72-43-5	Methoxychlor	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
53494-70-5	Endrin ketone	0.0010	U	0.00024	0.0010	0.0021	mg/Kg
7421-93-4	Endrin aldehyde	0.0010	U	0.00046	0.0010	0.0021	mg/Kg
5103-71-9	alpha-Chlordane	0.00096	J	0.00015	0.00041	0.0021	mg/Kg
5103-74-2	gamma-Chlordane	0.00054	J	0.00019	0.00041	0.0021	mg/Kg
8001-35-2	Toxaphene	0.021	U	0.0068	0.021	0.041	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	13.3		55 - 130		66%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		42 - 129		87%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-Denali-070925		SDG No.:	Q2558	
Lab Sample ID:	Q2558-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	79.6	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
PD089487.D	1	07/11/25 08:20	07/14/25 19:28	PB168810

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-Grillo-OG-070925		SDG No.:	Q2558	
Lab Sample ID:	Q2558-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	78.7	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
PD089488.D	1	07/11/25 08:20	07/14/25 19:42	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00042	U	0.00016	0.00042	0.0022	mg/Kg
319-85-7	beta-BHC	0.0011	U	0.00023	0.0011	0.0022	mg/Kg
319-86-8	delta-BHC	0.0011	U	0.00049	0.0011	0.0022	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
76-44-8	Heptachlor	0.00028	JP	0.00015	0.00042	0.0022	mg/Kg
309-00-2	Aldrin	0.00042	U	0.00015	0.00042	0.0022	mg/Kg
1024-57-3	Heptachlor epoxide	0.0011	U	0.00024	0.0011	0.0022	mg/Kg
959-98-8	Endosulfan I	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
60-57-1	Dieldrin	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
72-55-9	4,4-DDE	0.0035		0.00018	0.00042	0.0022	mg/Kg
72-20-8	Endrin	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
33213-65-9	Endosulfan II	0.0011	U	0.00037	0.0011	0.0022	mg/Kg
72-54-8	4,4-DDD	0.0011	J	0.00019	0.00042	0.0022	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00042	U	0.00016	0.00042	0.0022	mg/Kg
50-29-3	4,4-DDT	0.0026		0.00018	0.00042	0.0022	mg/Kg
72-43-5	Methoxychlor	0.0011	U	0.00047	0.0011	0.0022	mg/Kg
53494-70-5	Endrin ketone	0.0011	U	0.00024	0.0011	0.0022	mg/Kg
7421-93-4	Endrin aldehyde	0.0011	U	0.00047	0.0011	0.0022	mg/Kg
5103-71-9	alpha-Chlordane	0.0057	P	0.00015	0.00042	0.0022	mg/Kg
5103-74-2	gamma-Chlordane	0.0030	P	0.00019	0.00042	0.0022	mg/Kg
8001-35-2	Toxaphene	0.022	U	0.0069	0.022	0.042	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.71	*	55 - 130		39%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.1		42 - 129		55%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-Grillo-OG-070925		SDG No.:	Q2558	
Lab Sample ID:	Q2558-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	78.7	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
PD089488.D	1	07/11/25 08:20	07/14/25 19:42	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:	Nobis Group		Date Collected:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-Grillo-OG-070925RE		SDG No.:	Q2558	
Lab Sample ID:	Q2558-03RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	78.7	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
PL096444.D	1	07/11/25 08:20	07/18/25 09:41	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00042	U	0.00016	0.00042	0.0022	mg/Kg
319-85-7	beta-BHC	0.0011	U	0.00023	0.0011	0.0022	mg/Kg
319-86-8	delta-BHC	0.0011	U	0.00049	0.0011	0.0022	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
76-44-8	Heptachlor	0.00045	JP	0.00015	0.00042	0.0022	mg/Kg
309-00-2	Aldrin	0.00042	U	0.00015	0.00042	0.0022	mg/Kg
1024-57-3	Heptachlor epoxide	0.0011	U	0.00024	0.0011	0.0022	mg/Kg
959-98-8	Endosulfan I	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
60-57-1	Dieldrin	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
72-55-9	4,4-DDE	0.0038		0.00018	0.00042	0.0022	mg/Kg
72-20-8	Endrin	0.00042	U	0.00018	0.00042	0.0022	mg/Kg
33213-65-9	Endosulfan II	0.0011	U	0.00037	0.0011	0.0022	mg/Kg
72-54-8	4,4-DDD	0.00078	J	0.00019	0.00042	0.0022	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00042	U	0.00016	0.00042	0.0022	mg/Kg
50-29-3	4,4-DDT	0.0033		0.00018	0.00042	0.0022	mg/Kg
72-43-5	Methoxychlor	0.0011	U	0.00047	0.0011	0.0022	mg/Kg
53494-70-5	Endrin ketone	0.0011	U	0.00024	0.0011	0.0022	mg/Kg
7421-93-4	Endrin aldehyde	0.0011	U	0.00047	0.0011	0.0022	mg/Kg
5103-71-9	alpha-Chlordane	0.0071	P	0.00015	0.00042	0.0022	mg/Kg
5103-74-2	gamma-Chlordane	0.0034	P	0.00019	0.00042	0.0022	mg/Kg
8001-35-2	Toxaphene	0.022	U	0.0069	0.022	0.042	mg/Kg
SURROGATES							
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877-09-8	Tetrachloro-m-xylene	11.0		42 - 129		55%	SPK: 20

Report of Analysis

Client:	Nobis Group		Date Collected:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-Grillo-OG-070925RE		SDG No.:	Q2558	
Lab Sample ID:	Q2558-03RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	78.7	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
PL096444.D	1	07/11/25 08:20	07/18/25 09:41	PB168810

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

LAB CHRONICLE

OrderID:	Q2558	OrderDate:	7/10/2025 11:16:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2558-01	OU4-TS-Denali-07092 5	SOIL			07/09/25			07/10/25
			PCB	8082A		07/11/25	07/11/25	
			Pesticide-TCL	8081B		07/11/25	07/14/25	
Q2558-03	OU4-TS-Grillo-OG-070 925	SOIL			07/09/25			07/10/25
			PCB	8082A		07/11/25	07/14/25	
			Pesticide-TCL	8081B		07/11/25	07/14/25	
Q2558-03RE	OU4-TS-Grillo-OG-070 925RE	SOIL			07/09/25			07/10/25
			Pesticide-TCL	8081B		07/11/25	07/18/25	