

Hit Summary Sheet
SW-846

SDG No.: Q2555

Order ID: Q2555

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-29-070925									
Q2555-01	OU4-TS-29-070925	SOIL	4,4-DDE	0.0010	JP	0.00019	0.00044	0.0023	mg/Kg
Q2555-01	OU4-TS-29-070925	SOIL	4,4-DDT	0.00060	JP	0.00019	0.00044	0.0023	mg/Kg
Q2555-01	OU4-TS-29-070925	SOIL	alpha-Chlordane	0.0021	J	0.00016	0.00044	0.0023	mg/Kg
Total Concentration:				0.00370					
Client ID : OU4-TS-29-070925RE									
Q2555-01RE	OU4-TS-29-070925RI	SOIL	4,4-DDE	0.00062	J	0.00019	0.00044	0.0023	mg/Kg
Q2555-01RE	OU4-TS-29-070925RI	SOIL	4,4-DDT	0.00053	JP	0.00019	0.00044	0.0023	mg/Kg
Q2555-01RE	OU4-TS-29-070925RI	SOIL	alpha-Chlordane	0.0021	J	0.00016	0.00044	0.0023	mg/Kg
Total Concentration:				0.00325					
Client ID : OU4-TS-30-070925									
Q2555-03	OU4-TS-30-070925	SOIL	4,4-DDE	0.00077	J	0.00018	0.00043	0.0022	mg/Kg
Q2555-03	OU4-TS-30-070925	SOIL	4,4-DDT	0.00056	JP	0.00018	0.00043	0.0022	mg/Kg
Q2555-03	OU4-TS-30-070925	SOIL	alpha-Chlordane	0.0027		0.00016	0.00043	0.0022	mg/Kg
Q2555-03	OU4-TS-30-070925	SOIL	gamma-Chlordane	0.0016	J	0.00020	0.00043	0.0022	mg/Kg
Total Concentration:				0.00563					
Client ID : OU4-TS-30-070925RE									
Q2555-03RE	OU4-TS-30-070925RI	SOIL	4,4-DDE	0.00063	J	0.00018	0.00043	0.0022	mg/Kg
Q2555-03RE	OU4-TS-30-070925RI	SOIL	4,4-DDT	0.00054	JP	0.00018	0.00043	0.0022	mg/Kg
Q2555-03RE	OU4-TS-30-070925RI	SOIL	alpha-Chlordane	0.0026		0.00016	0.00043	0.0022	mg/Kg
Q2555-03RE	OU4-TS-30-070925RI	SOIL	gamma-Chlordane	0.0016	J	0.00020	0.00043	0.0022	mg/Kg
Total Concentration:				0.00537					



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-29-070925		SDG No.:	Q2555	
Lab Sample ID:	Q2555-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	74.1	Decanted:
Sample Wt/Vol:	30.07	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
PD089485.D	1	07/11/25 08:20	07/14/25 19:01	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00044	U	0.00018	0.00044	0.0023	mg/Kg
319-85-7	beta-BHC	0.0011	U	0.00024	0.0011	0.0023	mg/Kg
319-86-8	delta-BHC	0.0011	U	0.00053	0.0011	0.0023	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
76-44-8	Heptachlor	0.00044	U	0.00016	0.00044	0.0023	mg/Kg
309-00-2	Aldrin	0.00044	U	0.00016	0.00044	0.0023	mg/Kg
1024-57-3	Heptachlor epoxide	0.0011	U	0.00026	0.0011	0.0023	mg/Kg
959-98-8	Endosulfan I	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
60-57-1	Dieldrin	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
72-55-9	4,4-DDE	0.0010	JP	0.00019	0.00044	0.0023	mg/Kg
72-20-8	Endrin	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
33213-65-9	Endosulfan II	0.0011	U	0.00039	0.0011	0.0023	mg/Kg
72-54-8	4,4-DDD	0.00044	U	0.00020	0.00044	0.0023	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00044	U	0.00018	0.00044	0.0023	mg/Kg
50-29-3	4,4-DDT	0.00060	JP	0.00019	0.00044	0.0023	mg/Kg
72-43-5	Methoxychlor	0.0011	U	0.00050	0.0011	0.0023	mg/Kg
53494-70-5	Endrin ketone	0.0011	U	0.00026	0.0011	0.0023	mg/Kg
7421-93-4	Endrin aldehyde	0.0011	U	0.00050	0.0011	0.0023	mg/Kg
5103-71-9	alpha-Chlordane	0.0021	J	0.00016	0.00044	0.0023	mg/Kg
5103-74-2	gamma-Chlordane	0.00044	U	0.00020	0.00044	0.0023	mg/Kg
8001-35-2	Toxaphene	0.023	U	0.0073	0.023	0.044	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	8.29	*	55 - 130		41%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.5		42 - 129		67%	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-29-070925		SDG No.:	Q2555	
Lab Sample ID:	Q2555-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	74.1	Decanted:
Sample Wt/Vol:	30.07	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
PD089485.D	1	07/11/25 08:20	07/14/25 19:01	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-29-070925RE		SDG No.:	Q2555	
Lab Sample ID:	Q2555-01RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	74.1	Decanted:
Sample Wt/Vol:	30.07	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
PD089604.D	1	07/11/25 08:20	07/23/25 16:54	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00044	U	0.00018	0.00044	0.0023	mg/Kg
319-85-7	beta-BHC	0.0011	U	0.00024	0.0011	0.0023	mg/Kg
319-86-8	delta-BHC	0.0011	U	0.00053	0.0011	0.0023	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
76-44-8	Heptachlor	0.00044	U	0.00016	0.00044	0.0023	mg/Kg
309-00-2	Aldrin	0.00044	U	0.00016	0.00044	0.0023	mg/Kg
1024-57-3	Heptachlor epoxide	0.0011	U	0.00026	0.0011	0.0023	mg/Kg
959-98-8	Endosulfan I	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
60-57-1	Dieldrin	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
72-55-9	4,4-DDE	0.00062	J	0.00019	0.00044	0.0023	mg/Kg
72-20-8	Endrin	0.00044	U	0.00019	0.00044	0.0023	mg/Kg
33213-65-9	Endosulfan II	0.0011	U	0.00039	0.0011	0.0023	mg/Kg
72-54-8	4,4-DDD	0.00044	U	0.00020	0.00044	0.0023	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00044	U	0.00018	0.00044	0.0023	mg/Kg
50-29-3	4,4-DDT	0.00053	JP	0.00019	0.00044	0.0023	mg/Kg
72-43-5	Methoxychlor	0.0011	U	0.00050	0.0011	0.0023	mg/Kg
53494-70-5	Endrin ketone	0.0011	U	0.00026	0.0011	0.0023	mg/Kg
7421-93-4	Endrin aldehyde	0.0011	U	0.00050	0.0011	0.0023	mg/Kg
5103-71-9	alpha-Chlordane	0.0021	J	0.00016	0.00044	0.0023	mg/Kg
5103-74-2	gamma-Chlordane	0.00044	U	0.00020	0.00044	0.0023	mg/Kg
8001-35-2	Toxaphene	0.023	U	0.0073	0.023	0.044	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	8.01	*	55 - 130		40%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.9		42 - 129		64%	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-29-070925RE		SDG No.:	Q2555	
Lab Sample ID:	Q2555-01RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	74.1	Decanted:
Sample Wt/Vol:	30.07	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
PD089604.D	1	07/11/25 08:20	07/23/25 16:54	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
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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:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-30-070925		SDG No.:	Q2555	
Lab Sample ID:	Q2555-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	76.6	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
PD089486.D	1	07/11/25 08:20	07/14/25 19:14	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00043	U	0.00017	0.00043	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	0.00051	0.0011	0.0022	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
76-44-8	Heptachlor	0.00043	U	0.00016	0.00043	0.0022	mg/Kg
309-00-2	Aldrin	0.00043	U	0.00016	0.00043	0.0022	mg/Kg
1024-57-3	Heptachlor epoxide	0.0011	U	0.00025	0.0011	0.0022	mg/Kg
959-98-8	Endosulfan I	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
60-57-1	Dieldrin	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
72-55-9	4,4-DDE	0.00077	J	0.00018	0.00043	0.0022	mg/Kg
72-20-8	Endrin	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
33213-65-9	Endosulfan II	0.0011	U	0.00038	0.0011	0.0022	mg/Kg
72-54-8	4,4-DDD	0.00043	U	0.00020	0.00043	0.0022	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00043	U	0.00017	0.00043	0.0022	mg/Kg
50-29-3	4,4-DDT	0.00056	JP	0.00018	0.00043	0.0022	mg/Kg
72-43-5	Methoxychlor	0.0011	U	0.00048	0.0011	0.0022	mg/Kg
53494-70-5	Endrin ketone	0.0011	U	0.00025	0.0011	0.0022	mg/Kg
7421-93-4	Endrin aldehyde	0.0011	U	0.00048	0.0011	0.0022	mg/Kg
5103-71-9	alpha-Chlordane	0.0027		0.00016	0.00043	0.0022	mg/Kg
5103-74-2	gamma-Chlordane	0.0016	J	0.00020	0.00043	0.0022	mg/Kg
8001-35-2	Toxaphene	0.022	U	0.0071	0.022	0.043	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.60	*	55 - 130		38%	SPK: 20
877-09-8	Tetrachloro-m-xylene	10.1		42 - 129		50%	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-30-070925		SDG No.:	Q2555	
Lab Sample ID:	Q2555-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	76.6	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
PD089486.D	1	07/11/25 08:20	07/14/25 19:14	PB168810

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

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LOD = Limit of Detection

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

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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:	07/09/25	
Project:	Raymark Superfund Site		Date Received:	07/10/25	
Client Sample ID:	OU4-TS-30-070925RE		SDG No.:	Q2555	
Lab Sample ID:	Q2555-03RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	76.6	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
PD089605.D	1	07/11/25 08:20	07/23/25 17:08	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00043	U	0.00017	0.00043	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	0.00051	0.0011	0.0022	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
76-44-8	Heptachlor	0.00043	U	0.00016	0.00043	0.0022	mg/Kg
309-00-2	Aldrin	0.00043	U	0.00016	0.00043	0.0022	mg/Kg
1024-57-3	Heptachlor epoxide	0.0011	U	0.00025	0.0011	0.0022	mg/Kg
959-98-8	Endosulfan I	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
60-57-1	Dieldrin	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
72-55-9	4,4-DDE	0.00063	J	0.00018	0.00043	0.0022	mg/Kg
72-20-8	Endrin	0.00043	U	0.00018	0.00043	0.0022	mg/Kg
33213-65-9	Endosulfan II	0.0011	U	0.00038	0.0011	0.0022	mg/Kg
72-54-8	4,4-DDD	0.00043	U	0.00020	0.00043	0.0022	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00043	U	0.00017	0.00043	0.0022	mg/Kg
50-29-3	4,4-DDT	0.00054	JP	0.00018	0.00043	0.0022	mg/Kg
72-43-5	Methoxychlor	0.0011	U	0.00048	0.0011	0.0022	mg/Kg
53494-70-5	Endrin ketone	0.0011	U	0.00025	0.0011	0.0022	mg/Kg
7421-93-4	Endrin aldehyde	0.0011	U	0.00048	0.0011	0.0022	mg/Kg
5103-71-9	alpha-Chlordane	0.0026		0.00016	0.00043	0.0022	mg/Kg
5103-74-2	gamma-Chlordane	0.0016	J	0.00020	0.00043	0.0022	mg/Kg
8001-35-2	Toxaphene	0.022	U	0.0071	0.022	0.043	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	7.16	*	55 - 130		36%	SPK: 20
877-09-8	Tetrachloro-m-xylene	8.80		42 - 129		44%	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-30-070925RE		SDG No.:	Q2555	
Lab Sample ID:	Q2555-03RE		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	76.6	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
PD089605.D	1	07/11/25 08:20	07/23/25 17:08	PB168810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q2555	OrderDate:	7/10/2025 10:17:00 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
Q2555-01	OU4-TS-29-070925	SOIL			07/09/25			07/10/25
			Herbicide Group1	8151A		07/11/25	07/22/25	
			PCB	8082A		07/11/25	07/11/25	
			Pesticide-TCL	8081B		07/11/25	07/14/25	
Q2555-01RE	OU4-TS-29-070925RE	SOIL			07/09/25			07/10/25
			Pesticide-TCL	8081B		07/11/25	07/23/25	
Q2555-03	OU4-TS-30-070925	SOIL			07/09/25			07/10/25
			Herbicide Group1	8151A		07/11/25	07/19/25	
			PCB	8082A		07/11/25	07/14/25	
			Pesticide-TCL	8081B		07/11/25	07/14/25	
Q2555-03RE	OU4-TS-30-070925RE	SOIL			07/09/25			07/10/25
			Herbicide Group1	8151A		07/11/25	07/22/25	
			Pesticide-TCL	8081B		07/11/25	07/23/25	