



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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 :									

Total Concentration: 0.000



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:	8151A		% Solid:	95.1	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030245.D	1	05/14/25 08:30	05/15/25 19:43	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0081	0.035	0.070	mg/Kg
75-99-0	DALAPON	0.053	U	0.018	0.053	0.070	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.013	0.035	0.070	mg/Kg
94-75-7	2,4-D	0.035	U	0.0095	0.035	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0095	0.035	0.070	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0091	0.035	0.070	mg/Kg
94-82-6	2,4-DB	0.035	U	0.025	0.035	0.070	mg/Kg
88-85-7	DINOSEB	0.035	U	0.011	0.035	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	383		27 - 122		77%	SPK: 500

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:	8151A		% Solid:	95.7	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030246.D	1	05/14/25 08:30	05/15/25 20:07	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0081	0.034	0.070	mg/Kg
75-99-0	DALAPON	0.052	U	0.018	0.052	0.070	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.013	0.034	0.070	mg/Kg
94-75-7	2,4-D	0.034	U	0.0094	0.034	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0094	0.034	0.070	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.0091	0.034	0.070	mg/Kg
94-82-6	2,4-DB	0.034	U	0.025	0.034	0.070	mg/Kg
88-85-7	DINOSEB	0.034	U	0.011	0.034	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	373		27 - 122		75%	SPK: 500

Comments:

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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-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	94.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030249.D	1	05/14/25 08:30	05/15/25 21:19	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0082	0.035	0.071	mg/Kg
75-99-0	DALAPON	0.053	U	0.019	0.053	0.071	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.014	0.035	0.071	mg/Kg
94-75-7	2,4-D	0.035	U	0.0096	0.035	0.071	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0096	0.035	0.071	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.0092	0.035	0.071	mg/Kg
94-82-6	2,4-DB	0.035	U	0.026	0.035	0.071	mg/Kg
88-85-7	DINOSEB	0.035	U	0.011	0.035	0.071	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	323		27 - 122		65%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = 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-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	69.7	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030250.D	1	05/14/25 08:30	05/15/25 21:43	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.047	U	0.011	0.047	0.096	mg/Kg
75-99-0	DALAPON	0.072	U	0.025	0.072	0.096	mg/Kg
120-36-5	DICHLORPROP	0.047	U	0.018	0.047	0.096	mg/Kg
94-75-7	2,4-D	0.047	U	0.013	0.047	0.096	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.047	U	0.013	0.047	0.096	mg/Kg
93-76-5	2,4,5-T	0.047	U	0.013	0.047	0.096	mg/Kg
94-82-6	2,4-DB	0.047	U	0.035	0.047	0.096	mg/Kg
88-85-7	DINOSEB	0.047	U	0.016	0.047	0.096	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	196		27 - 122		39%	SPK: 500

Comments:

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

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = 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:	8151A		% Solid:	68	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030251.D	1	05/14/25 08:30	05/15/25 22:08	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.048	U	0.011	0.048	0.098	mg/Kg
75-99-0	DALAPON	0.073	U	0.026	0.073	0.098	mg/Kg
120-36-5	DICHLORPROP	0.048	U	0.019	0.048	0.098	mg/Kg
94-75-7	2,4-D	0.048	U	0.013	0.048	0.098	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.048	U	0.013	0.048	0.098	mg/Kg
93-76-5	2,4,5-T	0.048	U	0.013	0.048	0.098	mg/Kg
94-82-6	2,4-DB	0.048	U	0.036	0.048	0.098	mg/Kg
88-85-7	DINOSEB	0.048	U	0.016	0.048	0.098	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	220		27 - 122		44%	SPK: 500

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-26-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	60.1	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030252.D	1	05/14/25 08:30	05/15/25 22:32	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.055	U	0.013	0.055	0.11	mg/Kg
75-99-0	DALAPON	0.083	U	0.029	0.083	0.11	mg/Kg
120-36-5	DICHLORPROP	0.055	U	0.021	0.055	0.11	mg/Kg
94-75-7	2,4-D	0.055	U	0.015	0.055	0.11	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.055	U	0.015	0.055	0.11	mg/Kg
93-76-5	2,4,5-T	0.055	U	0.014	0.055	0.11	mg/Kg
94-82-6	2,4-DB	0.055	U	0.040	0.055	0.11	mg/Kg
88-85-7	DINOSEB	0.055	U	0.018	0.055	0.11	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	249		27 - 122		50%	SPK: 500

Comments:

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 LOQ = Limit of Quantitation
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 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-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	62.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030253.D	1	05/14/25 08:30	05/15/25 22:56	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.053	U	0.012	0.053	0.11	mg/Kg
75-99-0	DALAPON	0.080	U	0.028	0.080	0.11	mg/Kg
120-36-5	DICHLORPROP	0.053	U	0.020	0.053	0.11	mg/Kg
94-75-7	2,4-D	0.053	U	0.014	0.053	0.11	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.053	U	0.015	0.053	0.11	mg/Kg
93-76-5	2,4,5-T	0.053	U	0.014	0.053	0.11	mg/Kg
94-82-6	2,4-DB	0.053	U	0.039	0.053	0.11	mg/Kg
88-85-7	DINOSEB	0.053	U	0.017	0.053	0.11	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	291		27 - 122		58%	SPK: 500

Comments:

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 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-28-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	64.6	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030254.D	1	05/14/25 08:30	05/15/25 23:20	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.051	U	0.012	0.051	0.10	mg/Kg
75-99-0	DALAPON	0.077	U	0.027	0.077	0.10	mg/Kg
120-36-5	DICHLORPROP	0.051	U	0.020	0.051	0.10	mg/Kg
94-75-7	2,4-D	0.051	U	0.014	0.051	0.10	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.051	U	0.014	0.051	0.10	mg/Kg
93-76-5	2,4,5-T	0.051	U	0.014	0.051	0.10	mg/Kg
94-82-6	2,4-DB	0.051	U	0.037	0.051	0.10	mg/Kg
88-85-7	DINOSEB	0.051	U	0.017	0.051	0.10	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	339		27 - 122		68%	SPK: 500

Comments:

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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

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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
			Herbicide Group1	8151A		05/14/25	05/15/25	
			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
			Herbicide Group1	8151A		05/14/25	05/15/25	
			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
			Herbicide Group1	8151A		05/14/25	05/15/25	
			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
			Herbicide Group1	8151A		05/14/25	05/15/25	
			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
			Herbicide Group1	8151A		05/14/25	05/15/25	
			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
			Herbicide Group1	8151A		05/14/25	05/15/25	

LAB CHRONICLE

			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	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			Herbicide Group1	8151A		05/14/25	05/15/25	
			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
			Herbicide Group1	8151A		05/14/25	05/15/25	
			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	