

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

Fax: 908 789 8922

Hit Summary Sheet SW-846

SDG No.: P5306 Order ID: P5306

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



В



SAMPLE DATA

Matrix:

SOIL



Lab Sample ID:

Report of Analysis

Client: Nobis Group Date Collected: 12/12/24

Project: Raymark Superfund Site Date Received: 12/17/24

Client Sample ID: OU4-VSL-07-121224 SDG No.: P5306

Analytical Method: SW8151A % Solid: 90.8 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:

P5306-01

Prep Method: 8151A

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028801.D
 1
 12/20/24 08:20
 12/23/24 16:58
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LOQ	/ CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	229		27 - 122		46%	SPK: 500

- U = Not Detected
- LOO = 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





12/12/24



Report of Analysis

Client: Nobis Group

Project: Raymark Superfund Site Date Received: 12/17/24

Client Sample ID: OU4-VSL-08-121224 SDG No.: P5306

Lab Sample ID: P5306-03 Matrix: SOIL

Analytical Method: SW8151A % Solid: 90.8 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

 PS028802.D
 1
 12/20/24 08:20
 12/23/24 17:22
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LOQ	/ CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	396		27 - 122		79%	SPK: 500

- U = Not Detected
- LOO = 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





Matrix:

12/12/24

SOIL



Report of Analysis

Client: Nobis Group

Project: Raymark Superfund Site Date Received: 12/17/24

Client Sample ID: OU4-VSL-09-121224 SDG No.: P5306

Lab Sample ID: P5306-05

Analytical Method: SW8151A % Solid: 90.1 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

 PS028803.D
 1
 12/20/24 08:20
 12/23/24 17:46
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LOQ	/ CRQL	Units(Dry Weight)
TARGETS							_
1918-00-9	DICAMBA	0.037	U	0.0096	0.037	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.028	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.037	U	0.011	0.037	0.074	mg/Kg
94-75-7	2,4-D	0.037	U	0.013	0.037	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.037	U	0.010	0.037	0.074	mg/Kg
93-76-5	2,4,5-T	0.037	U	0.011	0.037	0.074	mg/Kg
94-82-6	2,4-DB	0.037	U	0.020	0.037	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	351		27 - 122		70%	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





Date Received:

SDG No.:

Matrix:

% Solid:

Final Vol:

Injection Volume:

Test:

12/12/24

12/17/24

P5306

SOIL

10000

Herbicide Group1

Decanted:

иL

95



Report of Analysis

Client: Nobis Group

Project: Raymark Superfund Site

Client Sample ID: OU4-VSL-10-121224

Lab Sample ID: P5306-07

Analytical Method: SW8151A

Sample Wt/Vol: 30.06 Units: g

Soil Aliquot Vol: uL

Extraction Type:

GPC Factor: 1.0 PH:

Prep Method: 8151A

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028804.D
 1
 12/20/24 08:20
 12/23/24 18:10
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LO	Q / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0091	0.035	0.070	mg/Kg
75-99-0	DALAPON	0.053	U	0.026	0.053	0.070	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.010	0.035	0.070	mg/Kg
94-75-7	2,4-D	0.035	U	0.013	0.035	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.0099	0.035	0.070	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.011	0.035	0.070	mg/Kg
94-82-6	2,4-DB	0.035	U	0.019	0.035	0.070	mg/Kg
88-85-7	DINOSEB	0.053	U	0.013	0.053	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	311		27 - 122		62%	SPK: 500

- U = Not Detected
- LOO = 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





Date Received:

SDG No.:

Matrix:

% Solid:

Final Vol:

Injection Volume:

Test:

12/12/24

12/17/24

P5306

SOIL

93.6

10000

Herbicide Group1

Decanted:

иL



Report of Analysis

Client: Nobis Group

Project: Raymark Superfund Site

Client Sample ID: OU4-VSL-11-121224

Lab Sample ID: P5306-09

Analytical Method: SW8151A

Sample Wt/Vol: 30.01 Units: g

Soil Aliquot Vol: uL

Extraction Type:

GPC Factor: 1.0 PH:

Prep Method: 8151A

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028805.D
 1
 12/20/24 08:20
 12/23/24 18:33
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LOQ	/ CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.035	U	0.0093	0.035	0.072	mg/Kg
75-99-0	DALAPON	0.053	U	0.027	0.053	0.072	mg/Kg
120-36-5	DICHLORPROP	0.035	U	0.010	0.035	0.072	mg/Kg
94-75-7	2,4-D	0.035	U	0.013	0.035	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.035	U	0.010	0.035	0.072	mg/Kg
93-76-5	2,4,5-T	0.035	U	0.011	0.035	0.072	mg/Kg
94-82-6	2,4-DB	0.035	U	0.020	0.035	0.072	mg/Kg
88-85-7	DINOSEB	0.053	U	0.013	0.053	0.072	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	394		27 - 122		79%	SPK: 500

- U = Not Detected
- LOO = 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





Matrix:

12/12/24

SOIL



Report of Analysis

Client: Nobis Group

Project: Raymark Superfund Site Date Received: 12/17/24

Client Sample ID: OU4-VSL-12-121224 SDG No.: P5306

Lab Sample ID: P5306-11

Analytical Method: SW8151A % Solid: 90.8 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

 PS028806.D
 1
 12/20/24 08:20
 12/23/24 18:57
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LOC	/ CRQL	Units(Dry Weight)
TARGETS							_
1918-00-9	DICAMBA	0.036	U	0.0095	0.036	0.074	mg/Kg
75-99-0	DALAPON	0.055	U	0.027	0.055	0.074	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.011	0.036	0.074	mg/Kg
94-75-7	2,4-D	0.036	U	0.013	0.036	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010	0.036	0.074	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011	0.036	0.074	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020	0.036	0.074	mg/Kg
88-85-7	DINOSEB	0.055	U	0.014	0.055	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	373		27 - 122		75%	SPK: 500

Comments:

U = Not Detected

LOO = 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





Date Received:

SDG No.:

Matrix:

% Solid:

Final Vol:

Injection Volume:

Test:

12/12/24

12/17/24

P5306

SOIL

10000

Herbicide Group1

Decanted:

иL

90



Report of Analysis

Client: Nobis Group

Project: Raymark Superfund Site

Client Sample ID: OU4-VSL-13-121224

Lab Sample ID: P5306-13

Analytical Method: SW8151A

Sample Wt/Vol: 30.03 Units: g

Soil Aliquot Vol: uL

Extraction Type:

GPC Factor: 1.0 PH:

Prep Method: 8151A

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028821.D
 1
 12/20/24 08:20
 12/26/24 17:05
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LOG	Q / CRQL	Units(Dry Weight)
TARGETS							_
1918-00-9	DICAMBA	0.037	U	0.0096	0.037	0.074	mg/Kg
75-99-0	DALAPON	0.056	U	0.028	0.056	0.074	mg/Kg
120-36-5	DICHLORPROP	0.037	U	0.011	0.037	0.074	mg/Kg
94-75-7	2,4-D	0.037	U	0.013	0.037	0.074	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.037	U	0.010	0.037	0.074	mg/Kg
93-76-5	2,4,5-T	0.037	U	0.011	0.037	0.074	mg/Kg
94-82-6	2,4-DB	0.037	U	0.020	0.037	0.074	mg/Kg
88-85-7	DINOSEB	0.056	U	0.014	0.056	0.074	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	295		27 - 122		59%	SPK: 500

- U = Not Detected
- LOO = 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





Date Received:

SDG No.:

Matrix:

% Solid:

Final Vol:

Injection Volume:

Test:

12/12/24

12/17/24

P5306

SOIL

95.9

10000

Herbicide Group1

Decanted:

иL



Report of Analysis

Client: Nobis Group

Project: Raymark Superfund Site

Client Sample ID: OU4-VSL-14-121224

Lab Sample ID: P5306-15

Analytical Method: SW8151A

Sample Wt/Vol: 30.08 Units: g

Soil Aliquot Vol: uL

Extraction Type:

GPC Factor: 1.0 PH:

Prep Method: 8151A

 File ID/Qc Batch:
 Dilution:
 Prep Date
 Date Analyzed
 Prep Batch ID

 PS028851.D
 1
 12/20/24 08:20
 12/30/24 11:14
 PB165776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD LO	Q / CRQL	Units(Dry Weight)
TARGETS							
1918-00-9	DICAMBA	0.034	U	0.0090	0.034	0.070	mg/Kg
75-99-0	DALAPON	0.052	U	0.026	0.052	0.070	mg/Kg
120-36-5	DICHLORPROP	0.034	U	0.0099	0.034	0.070	mg/Kg
94-75-7	2,4-D	0.034	U	0.013	0.034	0.070	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.034	U	0.0098	0.034	0.070	mg/Kg
93-76-5	2,4,5-T	0.034	U	0.011	0.034	0.070	mg/Kg
94-82-6	2,4-DB	0.034	U	0.019	0.034	0.070	mg/Kg
88-85-7	DINOSEB	0.052	UM	0.013	0.052	0.070	mg/Kg
SURROGATES							
19719-28-9	2,4-DCAA	512		27 - 122		102%	SPK: 500

- U = Not Detected
- LOO = 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







LAB CHRONICLE

OrderID:P5306OrderDate:12/17/2024 10:24:00 AMClient:Nobis GroupProject:Raymark Superfund Site

Client:Nobis GroupProject:Raymark Superfund SiteContact:Adam RoyLocation:L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	OU4-VSL-07-121224	SOIL			12/12/24			12/17/24
			Herbicide Group1	8151A		12/20/24	12/23/24	
			РСВ	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-03	OU4-VSL-08-121224	SOIL			12/12/24			12/17/24
			Herbicide Group1	8151A		12/20/24	12/23/24	
			РСВ	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-05	OU4-VSL-09-121224	SOIL			12/12/24			12/17/24
			Herbicide Group1	8151A		12/20/24	12/23/24	
			РСВ	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/18/24	
P5306-07	OU4-VSL-10-121224	SOIL			12/12/24			12/17/24
			Herbicide Group1	8151A		12/20/24	12/23/24	
			РСВ	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-09	OU4-VSL-11-121224	SOIL			12/12/24			12/17/24
			Herbicide Group1	8151A		12/20/24	12/23/24	
			РСВ	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-11	OU4-VSL-12-121224	SOIL			12/12/24			12/17/24
			Herbicide Group1	8151A		12/20/24	12/23/24	
			РСВ	8082A		12/18/24	12/18/24	
			Pesticide-TCL	8081B		12/18/24	12/19/24	
P5306-13	OU4-VSL-13-121224	SOIL			12/12/24			12/17/24
			Herbicide Group1	8151A		12/20/24	12/26/24	



LAB CHRONICLE

			PCB	8082A	• •	12/18/24
			Pesticide-TCL	8081B	12/18/24	12/19/24
P5306-15	OU4-VSL-14-121224	SOIL			2/12/24	12/17/24
			Herbicide Group1	8151A	12/20/24	12/30/24
			PCB	8082A	12/18/24	12/18/24
			Pesticide-TCL	8081B	12/18/24	12/19/24