

			Hit Sı	ımmary Sheet SW-846						
SDG No.:	Q1383			Order ID:	Q13	83				В
Client:	Nobis Group			Project ID:	F	Raymark S	Superfund	Site		C
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	LOD	RDL	Units	D
Client ID :										

Total Concentration:0.000









			Rep	ort of An	alysis				
Client:	Nobis Group					Date Collected:	02/17/	25	
Project:	Raymark Super	fund Site				Date Received:	02/18/	25	
Client Sample ID:	OU4-PCS-TC-1	1-021725				SDG No.:	Q1383	;	
Lab Sample ID:	Q1383-01					Matrix:	SOIL		
Analytical Method						% Solid:	92.6	Dec	anted:
Sample Wt/Vol:	30.08 Unit	s: g				Final Vol:	10000		ıL
Soil Aliquot Vol:	20.00 011	uL				Test:		vide Group1	*
Extraction Type:		, L				Injection Volum		and Groups	
GPC Factor :	1.0	PH :							
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed		Prep Batch	ID
PS029293.D	1		02/18	/25 14:17		02/26/25 15:22		PB166764	
CAS Number	Parameter	C	onc.	Qualifier	MDL		LOD LO	Q / CRQL	Units(Dry Weight
TARGETS									
1918-00-9	DICAMBA	0.	036	U	0.0093		0.036	0.072	mg/Kg
75-99-0	DALAPON	0.	054	UM	0.027		0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.	036	U	0.010		0.036	0.072	mg/Kg
94-75-7	2,4-D	0.	036	U	0.013		0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.	036	U	0.010		0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0	036	U	0.011		0.036	0.072	mg/Kg

0.020

0.013

27 - 122

Comments:

94-82-6

88-85-7

SURROGATES 19719-28-9

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

2,4-DB

DINOSEB

2,4-DCAA

0.036

0.054

513

U

UM

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

0.036

0.054

0.072

0.072

103%

mg/Kg

mg/Kg

SPK: 500

was not performed prior to analyte detection in sample.



			Repo	ort of An	alysis				
Client:	Nobis Group					Date Collected:	02/17/25		
Project:	Raymark Sup	perfund Site				Date Received:	02/18/25		
Client Sample ID:	OU4-PCS-TO	C-12-021725				SDG No.:	Q1383		
Lab Sample ID:	Q1383-03					Matrix:	SOIL		
Analytical Method	d: SW8151A					% Solid:	92.2	Dec	anted:
Sample Wt/Vol:		nits: g				Final Vol:	10000	1	ıL
Soil Aliquot Vol:		uL				Test:	Herbicid		
		uL						2 Gloup1	
Extraction Type:						Injection Volume			
GPC Factor :	1.0	PH :							
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:		Prep Da	ate		Date Analyzed]	Prep Batch	ı ID
PS029242.D	1		02/18/2	25 14:17		02/21/25 23:08	1	PB166764	
CAS Number	Parameter	Co	onc.	Qualifier	MDL		LOD LOQ	/ CRQL	Units(Dry Weight)
TARGETS									
1918-00-9	DICAMBA	0.0	036	U	0.0094		0.036	0.072	mg/Kg
75-99-0	DALAPON	0.0	054	U	0.027		0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.0	036	U	0.010		0.036	0.072	mg/Kg
94-75-7	2,4-D	0.0	036	U	0.013		0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.0	036	U	0.010		0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0.0	036	U	0.011		0.036	0.072	mg/Kg
94-82-6	2,4-DB	0.0	036	U	0.020		0.036	0.072	mg/Kg
88-85-7	DINOSEB	0.0	054	U	0.013		0.054	0.072	mg/Kg
SURROGATES									
									0 D T

460

Comments:

19719-28-9

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

2,4-DCAA

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

27 - 122

S = Indicates estimated value where valid five-point calibration

92%

SPK: 500

was not performed prior to analyte detection in sample.



CAS Number

94-75-7

93-72-1

93-76-5

94-82-6

88-85-7

SURROGATES 19719-28-9

2,4-D

2,4,5-T

2,4-DB

DINOSEB

2,4-DCAA

2,4,5-TP (Silvex)

0.036

0.036

0.036

0.036

0.054

474

U

U

U

U

U

		Rep	oort of An	alysis				
Client:	Nobis Group				Date Collected:	02/17/25		
Project:	Raymark Superfu	und Site			Date Received:	02/18/25		
Client Sample ID:	OU4-PCS-TC-13	-021725			SDG No.:	Q1383		
Lab Sample ID:	Q1383-05				Matrix:	SOIL		
Analytical Method	SW8151A				% Solid:	92.5	Dec	anted:
Sample Wt/Vol:	30.04 Units	: g			Final Vol:	10000	ι	ıL
Soil Aliquot Vol:		uL			Test:	Herbicid	e Group1	
Extraction Type:					Injection Volum	le :		
GPC Factor :	1.0	PH :						
Prep Method :	8151A							
File ID/Qc Batch:	Dilution:	Prep	Date		Date Analyzed	I	Prep Batch	n ID
PS029243.D	1	02/18	8/25 14:17		02/21/25 23:32	I	PB166764	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOD LOQ	/ CRQL	Units(Dry Weight)
TARGETS								
1918-00-9	DICAMBA	0.036	U	0.0094		0.036	0.072	mg/Kg
75-99-0	DALAPON	0.054	U	0.027		0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010		0.036	0.072	mg/Kg

0.013

0.010

0.011

0.020

0.013

27 - 122

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

0.036

0.036

0.036

0.036

0.054

0.072

0.072

0.072

0.072

0.072

95%

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

SPK: 500

was not performed prior to analyte detection in sample.



			Re	port of An	alysis				
Client:	Nobis Group					Date Collected:	02/17/2	25	
Project:	Raymark Super	rfund Site				Date Received:	02/18/2	25	
Client Sample ID:	OU4-PCS-TC-	14-021725				SDG No.:	Q1383		
Lab Sample ID:	Q1383-07					Matrix:	SOIL		
Analytical Method	d: SW8151A					% Solid:	92.1	Dec	anted:
Sample Wt/Vol:	30.06 Uni	its: g				Final Vol:	10000	ι	ıL
Soil Aliquot Vol:		uL				Test:	Herbic	ide Group1	
Extraction Type:						Injection Volum	e :		
GPC Factor :	1.0	PH :							
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:		Prep	o Date		Date Analyzed		Prep Batch	n ID
PS029244.D	1		02/1	18/25 14:17		02/21/25 23:56		PB166764	
CAS Number	Parameter		Conc.	Qualifier	MDL		LOD LO	Q / CRQL	Units(Dry Weigh
TARGETS									
1918-00-9	DICAMBA		0.036	U	0.0094		0.036	0.073	mg/Kg
75-99-0	DALAPON		0.054	U	0.027		0.054	0.073	mg/Kg
120-36-5	DICHLORPROP		0.036	U	0.010		0.036	0.073	mg/Kg
94-75-7	2,4-D		0.036	U	0.013		0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)		0.036	U	0.010		0.036	0.073	mg/Kg
93-76-5	2,4,5-T		0.036	U	0.011		0.036	0.073	mg/Kg

0.020

0.013

27 - 122

U

U

0.036

0.054

446

Comments:

94-82-6

88-85-7

SURROGATES 19719-28-9

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

2,4-DB

DINOSEB

2,4-DCAA

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

0.036

0.054

0.073

0.073

89%

mg/Kg

mg/Kg

SPK: 500

was not performed prior to analyte detection in sample.



			Re	port of An	alysis				
Client:	Nobis Group					Date Collected:	02/17/	25	
Project:	Raymark Super	fund Site				Date Received:	02/18/	25	
Client Sample ID:	OU4-PCS-TC-1	15-021725				SDG No.:	Q1383	3	
Lab Sample ID:	Q1383-09					Matrix:	SOIL		
Analytical Method	-					% Solid:	92.5	Dec	anted:
Sample Wt/Vol:	30.09 Unit	ts: a				Final Vol:	10000		ıL
	50.09 011	e							IL.
Soil Aliquot Vol:		uL				Test:	Herbig	cide Group1	
Extraction Type:						Injection Volume	e :		
GPC Factor :	1.0	PH :							
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed		Prep Batch	ID
PS029245.D	1		02/1	8/25 14:17		02/22/25 00:20		PB166764	
CAS Number	Parameter	С	onc.	Qualifier	MDL		LOD LC	Q / CRQL	Units(Dry Weight
TARGETS									
1918-00-9	DICAMBA	0	.036	U	0.0093		0.036	0.072	mg/Kg
75-99-0	DALAPON	0	.054	U	0.027		0.054	0.072	mg/Kg
120-36-5	DICHLORPROP	0	.036	U	0.010		0.036	0.072	mg/Kg
94-75-7	2,4-D	0	.036	U	0.013		0.036	0.072	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0	.036	U	0.010		0.036	0.072	mg/Kg
93-76-5	2,4,5-T	0	.036	U	0.011		0.036	0.072	mg/Kg
93-70-3	-,.,								11 11

Comments:

88-85-7

SURROGATES 19719-28-9

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

DINOSEB

2,4-DCAA

0.054

467

U

0.013

27 - 122

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

0.054

0.072

93%

mg/Kg

SPK: 500

was not performed prior to analyte detection in sample.



			Report o	f Analysis				
Client:	Nobis Group				Date Collected:	02/17/25	i	
Project:	Raymark Superf	und Site			Date Received:	02/18/25		
Client Sample ID:	OU4-PCS-TC-1	6-021725			SDG No.:	Q1383		
Lab Sample ID:	Q1383-11				Matrix:	SOIL		
Analytical Method	SW8151A				% Solid:	92.1	Dec	anted:
Sample Wt/Vol:	30.05 Units	s: g			Final Vol:	10000	1	ıL
Soil Aliquot Vol:		uL			Test:	Herbicid	e Group1	
Extraction Type:					Injection Volume		1	
GPC Factor :	1.0	PH :						
Prep Method :	8151A							
File ID/Qc Batch:	Dilution:]	Prep Date		Date Analyzed		Prep Batch	ı ID
PS029246.D	1		02/18/25 14:	17	02/22/25 00:44		PB166764	
CAS Number	Parameter	Conc	. Qua	lifier MDL		LOD LOQ	/ CRQL	Units(Dry Weight)
TARGETS								
1918-00-9	DICAMBA	0.03	6 U	0.0094		0.036	0.073	mg/Kg
75-99-0	DALAPON	0.05	4 U	0.027		0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.03	6 U	0.010		0.036	0.073	mg/Kg
94-75-7	2,4-D	0.03	6 U	0.013		0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.03	6 U	0.010		0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.03	6 U	0.011		0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.03	6 U	0.020		0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.054	4 U	0.013		0.054	0.073	mg/Kg
SURROGATES								

566

Comments:

19719-28-9

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

2,4-DCAA

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

27 - 122

S = Indicates estimated value where valid five-point calibration

113%

SPK: 500

was not performed prior to analyte detection in sample.



				Rep	oort of An	alysis				
Client:	Nobis Gro	oup					Date Collected:	02/17/2	25	
Project:	Raymark	Superfund	d Site				Date Received:	02/18/2	25	
Client Sample ID:	OU4-PCS	-TC-17-0	21725				SDG No.:	Q1383		
Lab Sample ID:	Q1383-13						Matrix:	SOIL		
Analytical Method	l: SW8151A	L					% Solid:	91.4	Dec	anted:
Sample Wt/Vol:	30.03	Units:	g				Final Vol:	10000	ı	ıL
Soil Aliquot Vol:			e uL				Test:		ide Group1	
			uL							
Extraction Type:							Injection Volume	2:		
GPC Factor :	1.0		PH :							
Prep Method :	8151A									
File ID/Qc Batch:	Dilution:			Prep	Date		Date Analyzed		Prep Batch	ID
PS029247.D	1			02/18	8/25 14:17		02/22/25 01:08		PB166764	
CAS Number	Parameter		Co	onc.	Qualifier	MDL		LOD LO	Q / CRQL	Units(Dry Weight)
TARGETS										
1918-00-9	DICAMBA		0.	036	U	0.0095		0.036	0.073	mg/Kg
75-99-0	DALAPON		0.	055	U	0.027		0.055	0.073	mg/Kg
120-36-5	DICHLORPROP		0.	036	U	0.010		0.036	0.073	mg/Kg
94-75-7	2,4-D		0.	036	U	0.013		0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)		0.	036	U	0.010		0.036	0.073	mg/Kg
93-76-5	2,4,5-T		0.	036	U	0.011		0.036	0.073	mg/Kg
94-82-6	2,4-DB		0.	036	U	0.020		0.036	0.073	mg/Kg
88-85-7	DINOSEB		0.	055	U	0.014		0.055	0.073	mg/Kg

Comments:

U = Not Detected

SURROGATES 19719-28-9

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

2,4-DCAA

616

- J = Estimated Value
- B = Analyte Found in Associated Method Blank
- N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

27 - 122

S = Indicates estimated value where valid five-point calibration

123%

SPK: 500

was not performed prior to analyte detection in sample.



			Report of A	nalysis				
Client:	Nobis Group				Date Collected:	02/17/2	5	
Project:	Raymark Suj	perfund Site			Date Received:	02/18/2	5	
Client Sample ID:	OU4-PCS-T	C-17-021725RE			SDG No.:	Q1383		
Lab Sample ID:	Q1383-13RE	3			Matrix:	SOIL		
Analytical Method					% Solid:	91.4	Dec	anted:
Sample Wt/Vol:		Jnits: g			Final Vol:	10000		ıL
	50.05 C	e						112
Soil Aliquot Vol:		uL			Test:	Herbicio	de Group1	
Extraction Type:					Injection Volume	e:		
GPC Factor :	1.0	PH :						
Prep Method :	8151A							
File ID/Qc Batch:	Dilution:		Prep Date		Date Analyzed		Prep Batch	ID
PS029260.D	1		02/18/25 14:17		02/24/25 13:11		PB166764	
CAS Number	Parameter	Cone	c. Qualifier	MDL		LOD LOO) / CRQL	Units(Dry Weight)
TARGETS								
1918-00-9	DICAMBA	0.03	6 U	0.0095		0.036	0.073	mg/Kg
75-99-0	DALAPON	0.05	5 U	0.027		0.055	0.073	mg/Kg
120-36-5	DICHLORPROP	0.03	6 U	0.010		0.036	0.073	mg/Kg
94-75-7	2,4-D	0.03	6 U	0.013		0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.03	6 U	0.010		0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.03	6 U	0.011		0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.03	6 U	0.020		0.036	0.073	mg/Kg
88-85-7	DINOSEB	0.05	5 U	0.014		0.055	0.073	mg/Kg
SURROGATES 19719-28-9	2,4-DCAA	659	*	27 - 122	2		132%	SPK: 500

Report of Analysis

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.



		Re	eport of An	nalysis				
Client:	Nobis Group				Date Collected:	02/17/2:	5	
Project:	Raymark Superfun	d Site			Date Received:	02/18/25	5	
Client Sample ID:	OU4-PCS-TC-18-0	021725			SDG No.:	Q1383		
Lab Sample ID:	Q1383-15				Matrix:	SOIL		
Analytical Method	: SW8151A				% Solid:	91.9	Dec	anted:
Sample Wt/Vol:	30.08 Units:	g			Final Vol:	10000	1	ıL
Soil Aliquot Vol:		uL			Test:		le Group1	
Extraction Type:		uL			Injection Volume		le Group1	
GPC Factor :	1.0	PH :			injection volume			
Prep Method :	8151A	111.						
File ID/Qc Batch:	Dilution:	Pre	p Date		Date Analyzed		Prep Batch	n ID
PS029248.D	1	02/	18/25 14:17		02/22/25 01:32		PB166764	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOD LOQ	Q / CRQL	Units(Dry Weight)
TARGETS								
1918-00-9	DICAMBA	0.036	U	0.0094		0.036	0.073	mg/Kg
75-99-0	DALAPON	0.054	U	0.027		0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	0.036	U	0.010		0.036	0.073	mg/Kg
94-75-7	2,4-D	0.036	U	0.013		0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	0.036	U	0.010		0.036	0.073	mg/Kg
93-76-5	2,4,5-T	0.036	U	0.011		0.036	0.073	mg/Kg
94-82-6	2,4-DB	0.036	U	0.020		0.036	0.073	mg/Kg

Comments:

U = Not Detected

SURROGATES 19719-28-9

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

2,4-DCAA

280

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

27 - 122

S = Indicates estimated value where valid five-point calibration

56%

SPK: 500

was not performed prior to analyte detection in sample.



94-82-6

88-85-7

SURROGATES 19719-28-9

			Rep	port of An	alysis				
Client:	Nobis Group					Date Collected:	02/17	7/25	
Project:	Raymark Supe	erfund Site				Date Received:	02/18	8/25	
Client Sample ID:	OU4-PCS-TC-	-19-021725				SDG No.:	Q138	33	
Lab Sample ID:	Q1383-17					Matrix:	SOIL		
Analytical Method	l: SW8151A					% Solid:	92.1	Dec	anted:
Sample Wt/Vol:		iits: g				Final Vol:	1000		ıL
Soil Aliquot Vol:		uL				Test:	Herb	icide Group1	
Extraction Type:						Injection Volume	e :		
GPC Factor :	1.0	PH :							
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed		Prep Batch	ı ID
PS029249.D	1		02/18	8/25 14:17		02/22/25 01:56		PB166764	
CAS Number	Parameter		Conc.	Qualifier	MDL		LOD L	OQ / CRQL	Units(Dry Weight)
TARGETS									
1918-00-9	DICAMBA	(0.036	U	0.0094		0.036	0.073	mg/Kg
75-99-0	DALAPON	(0.054	U	0.027		0.054	0.073	mg/Kg
120-36-5	DICHLORPROP	(0.036	U	0.010		0.036	0.073	mg/Kg
94-75-7	2,4-D	(0.036	U	0.013		0.036	0.073	mg/Kg
93-72-1	2,4,5-TP (Silvex)	(0.036	U	0.010		0.036	0.073	mg/Kg
93-76-5	2,4,5-T	(0.036	U	0.011		0.036	0.073	mg/Kg

0.020

0.013

27 - 122

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

2,4-DB

DINOSEB

2,4-DCAA

0.036

0.054

300

U

U

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

0.036

0.054

0.073

0.073

60%

mg/Kg

mg/Kg

SPK: 500

was not performed prior to analyte detection in sample.



93-76-5

94-82-6

88-85-7

SURROGATES 19719-28-9

		Re	eport of Ar	nalysis				
Nobis Grou	р				Date Collected:	02/17/2	25	
Raymark Su	perfund Site				Date Received:	02/18/2	25	
OU4-PCS-T	ſC-20-02172	5			SDG No.:	Q1383	;	
Q1383-19					Matrix:	SOIL		
l: SW8151A					% Solid:	92.2	Deca	anted:
30.07	Units: g				Final Vol:	10000	u	L
	uL				Test:	Herbic	ide Group1	
					Injection Volume	e :		
1.0	PH :							
8151A								
Dilution:		Pre	p Date		Date Analyzed		Prep Batch	ID
1		02/	18/25 14:17		02/22/25 02:20		PB166764	
Parameter		Conc.	Qualifier	MDL		LOD LO	Q / CRQL	Units(Dry Weight)
DICAMBA		0.036	U	0.0094		0.036	0.073	mg/Kg
DALAPON		0.054	U	0.027		0.054	0.073	mg/Kg
DICILI ODDDOD		0.036	U	0.010		0.036	0.073	mg/Kg
DICHLORPROP		0.020		0.010				1112/112
DICHLORPROP 2,4-D		0.036	U	0.013 0.010		0.036	0.073	mg/Kg
1	Raymark Su OU4-PCS-T Q1383-19 4: SW8151A 30.07 1.0 8151A Dilution: 1 Parameter DICAMBA	OU4-PCS-TC-20-02172 Q1383-19 d: SW8151A 30.07 Units: g uL 1.0 PH : 8151A Dilution: 1 Parameter DICAMBA	Nobis Group Raymark Superfund Site OU4-PCS-TC-20-021725 Q1383-19 et: SW8151A 30.07 Units: g uL 1.0 PH : 8151A Dilution: Pre 1 02/ Parameter Conc. DICAMBA 0.036	Nobis Group Raymark Superfund Site OU4-PCS-TC-20-021725 Q1383-19 et: SW8151A 30.07 Units: g uL 1.0 PH : 8151A Dilution: Prep Date 1 02/18/25 14:17 Parameter Conc. Qualifier DICAMBA 0.036 U	Raymark Superfund Site OU4-PCS-TC-20-021725 Q1383-19 et SW8151A 30.07 Units: g uL 1.0 PH : 8151A Dilution: Prep Date 1 02/18/25 14:17 Parameter Conc. Qualifier MDL DICAMBA 0.036 U 0.0094	Nobis Group Date Collected: Raymark Superfund Site Date Received: OU4-PCS-TC-20-021725 SDG No.: Q1383-19 Matrix: Q1383-19 Matrix: SW8151A % Solid: 30.07 Units: g uL Test: Injection Volume 1.0 PH : 8151A Dilution: Prep Date Date Analyzed 1 02/18/25 14:17 02/22/25 02:20 Parameter Conc. Qualifier MDL	Nobis Group Date Collected: 02/17/ Raymark Superfund Site Date Received: 02/18/ OU4-PCS-TC-20-021725 SDG No.: Q1383 Q1383-19 Matrix: SOIL du383-19 Matrix: SOIL 30.07 Units: g % Solid: 92.2 30.07 Units: g Final Vol: 10000 uL Test: Herbid Injection Volume : 1 1.0 PH : 8151A 02/18/25 14:17 02/22/25 02:20 V Parameter Conc. Qualifier MDL LOB LOB DICAMBA 0.036 U 0.0094 0.036 0.036	Nobis Group Date Collected: 02/17/25 Raymark Superfund Site Date Received: 02/18/25 OU4-PCS-TC-20-021725 SDG No.: Q1383 Q1383-19 Matrix: SOIL Q1383-19 Matrix: SOIL 30.07 Units: g % Solid: 92.2 Dece 30.07 Units: g Final Vol: 10000 u uL uL Test: Herbicide Group1 Injection Volume : 1.0 PH : S151A 02/18/25 14:17 02/22/25 02:20 PB166764 Parameter Conc. Qualifier MDL LOD LOQ / CRQL DICAMBA 0.036 U 0.0094 0.036 0.073

0.011

0.020

0.013

27 - 122

Comments:

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concentrations between the two GC columns

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2,4,5-T

2,4-DB

DINOSEB

2,4-DCAA

0.036

0.036

0.054

299

U

U

U

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

0.036

0.036

0.054

0.073

0.073

0.073

60%

mg/Kg

mg/Kg

mg/Kg

SPK: 500

was not performed prior to analyte detection in sample.



Nobis Group

Raymark Superfund Site OU4-CF-15-021725

Client:

Project:

Client Sample ID:

				Α
is				В
	Date Collected:	02/17/25		С
	Date Received:	02/18/25		D
	SDG No.:	Q1383		
	Matrix:	SOIL		
	% Solid:	92.5	Decanted:	
	Final Vol:	10000	uL	
	Test:	Herbicide G	roup1	

Report of Analysis

Lab Sample ID:	Q1383-21					Matrix:	SOI	L	
Analytical Method	l: SW8151A	L				% Solid:	92.5	Dec	anted:
Sample Wt/Vol:	30.03	Units:	g			Final Vol:	1000)0 ι	ıL
Soil Aliquot Vol:			uL			Test:	Herb	picide Group1	
Extraction Type:						Injection Volum	ne :		
GPC Factor :	1.0	I	PH :						
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed		Prep Batch	ID
PS029292.D	1		02/1	8/25 14:17		02/26/25 14:58		PB166764	J
CAS Number	Parameter		Conc.	Qualifier	MDL		LOD I	LOO / CROL	Units(Dry Weight)
				C					(, 8)
TARGETS									
TARGETS 1918-00-9	DICAMBA		0.036	U	0.0094		0.036	0.072	mg/Kg
1918-00-9	DICAMBA		0.036	U	0.0094		0.036	0.072	mg/Kg
1918-00-9 75-99-0	DICAMBA DALAPON		0.036 0.054	U U	0.0094 0.027		0.036 0.054	0.072 0.072	mg/Kg mg/Kg
1918-00-9 75-99-0 120-36-5	DICAMBA DALAPON DICHLORPROP		0.036 0.054 0.036	U U U	0.0094 0.027 0.010		0.036 0.054 0.036	0.072 0.072 0.072	mg/Kg mg/Kg mg/Kg
1918-00-9 75-99-0 120-36-5 94-75-7	DICAMBA DALAPON DICHLORPROP 2,4-D		0.036 0.054 0.036 0.036	U U U U	0.0094 0.027 0.010 0.013		0.036 0.054 0.036 0.036	0.072 0.072 0.072 0.072	mg/Kg mg/Kg mg/Kg mg/Kg
1918-00-9 75-99-0 120-36-5 94-75-7 93-72-1	DICAMBA DALAPON DICHLORPROP 2,4-D 2,4,5-TP (Silvex)		0.036 0.054 0.036 0.036 0.036	U U U U U	0.0094 0.027 0.010 0.013 0.010		0.036 0.054 0.036 0.036 0.036	0.072 0.072 0.072 0.072 0.072 0.072	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg
1918-00-9 75-99-0 120-36-5 94-75-7 93-72-1 93-76-5	DICAMBA DALAPON DICHLORPROP 2,4-D 2,4,5-TP (Silvex) 2,4,5-T		0.036 0.054 0.036 0.036 0.036 0.036	U U U U U U	0.0094 0.027 0.010 0.013 0.010 0.011		0.036 0.054 0.036 0.036 0.036 0.036	0.072 0.072 0.072 0.072 0.072 0.072 0.072	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg

Comments:

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LOQ = Limit of Quantitation

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concentrations between the two GC columns

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- 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.



LAB CHRONICLE

OrderID: Client: Contact:	Q1383 Nobis Group Adam Roy			OrderDate: Project: Location:	2/18/2025 11:1 Raymark Supe H31,VOA Ref. a	rfund Site		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1383-01	OU4-PCS-TC-11-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1 PCB Pesticide-TCL	8151A 8082A 8081B		02/18/25 02/19/25 02/19/25	02/26/25 02/19/25 02/19/25	
Q1383-03	0U4-PCS-TC-12-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1 PCB Pesticide-TCL	8151A 8082A 8081B		02/18/25 02/19/25 02/19/25	02/21/25 02/21/25 02/20/25	
Q1383-05	OU4-PCS-TC-13-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1 PCB Pesticide-TCL	8151A 8082A 8081B		02/18/25 02/19/25 02/19/25	02/21/25 02/21/25 02/20/25	
Q1383-07	OU4-PCS-TC-14-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1 PCB Pesticide-TCL	8151A 8082A 8081B		02/18/25 02/19/25 02/19/25	02/21/25 02/21/25 02/20/25	
Q1383-09	OU4-PCS-TC-15-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1 PCB Pesticide-TCL	8151A 8082A 8081B		02/18/25 02/19/25 02/19/25	02/22/25 02/20/25 02/20/25	
Q1383-09R	E OU4-PCS-TC-15-0217 25RE	SOIL			02/17/25			02/18/25
	-		PCB	8082A		02/19/25	02/20/25	



LAB CHRONICLE

Q1383-11	OU4-PCS-TC-16-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/22/25	
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-13	OU4-PCS-TC-17-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/22/25	
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-13RE	OU4-PCS-TC-17-0217 25RE	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/24/25	
			PCB	8082A		02/19/25	02/21/25	
Q1383-15	OU4-PCS-TC-18-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/22/25	
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-17	OU4-PCS-TC-19-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/22/25	
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-17RE	OU4-PCS-TC-19-0217 25RE	SOIL			02/17/25			02/18/25
			PCB	8082A		02/19/25	02/21/25	
Q1383-19	OU4-PCS-TC-20-0217 25	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/22/25	
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-21	OU4-CF-15-021725	SOIL			02/17/25			02/18/25
			Herbicide Group1	8151A		02/18/25	02/26/25	
			PCB	8082A		02/19/25	02/20/25	

A B C D



								Α
			LAB CHRONI	ICLE				В
			Pesticide-TCL	8081B	02/19/25	02/20/25		С
Q1383-21RE	OU4-CF-15-021725RE	SOIL			02/17/25		02/18/25	D
			PCB	8082A	02/19/25	02/21/25		