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LAB CHRONICLE

OrderID:	P4385	**OrderDate:**	10/10/2024 2:00:00 PM
Client:	Scheideler Excavating Co. Inc.	**Project:**	Robbinsville
Contact:	Jim Scheideler	**Location:**	K51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4385-02	**SP-1**	**SOIL**			**10/10/24**			**10/10/24**
			Herbicide	8151A		10/11/24	10/11/24	
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-04	**SP-2**	**SOIL**			**10/10/24**			**10/10/24**
			Herbicide	8151A		10/11/24	10/11/24	
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-06	**SP-3**	**SOIL**			**10/10/24**			**10/10/24**
			Herbicide	8151A		10/11/24	10/11/24	
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-08	**SP-4**	**SOIL**			**10/10/24**			**10/10/24**
			Herbicide	8151A		10/11/24	10/11/24	
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-10	**SP-5**	**SOIL**			**10/10/24**			**10/10/24**
			Herbicide	8151A		10/11/24	10/14/24	
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-12	**SP-6**	**SOIL**			**10/10/24**			**10/10/24**
			Herbicide	8151A		10/11/24	10/14/24	

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LAB CHRONICLE

			PCB	8082A		10/11/24	10/11/24
			Pesticide-TCL	8081B		10/11/24	10/11/24
			EPH_NF	NJEPH		10/11/24	10/11/24
P4385-14	**SP-7**	**SOIL**			**10/10/24**		**10/10/24**
			Herbicide	8151A		10/11/24	10/14/24
			PCB	8082A		10/11/24	10/11/24
			Pesticide-TCL	8081B		10/11/24	10/11/24
			EPH_NF	NJEPH		10/11/24	10/11/24
P4385-16	**SP-8**	**SOIL**			**10/10/24**		**10/10/24**
			Herbicide	8151A		10/11/24	10/14/24
			PCB	8082A		10/11/24	10/11/24
			Pesticide-TCL	8081B		10/11/24	10/11/24
			EPH_NF	NJEPH		10/11/24	10/11/24
P4385-18	**SP-9**	**SOIL**			**10/10/24**		**10/10/24**
			Herbicide	8151A		10/11/24	10/14/24
			PCB	8082A		10/11/24	10/11/24
			Pesticide-TCL	8081B		10/11/24	10/11/24
			EPH_NF	NJEPH		10/11/24	10/11/24
P4385-20	**SP-10**	**SOIL**			**10/10/24**		**10/10/24**
			Herbicide	8151A		10/11/24	10/14/24
			PCB	8082A		10/11/24	10/11/24
			Pesticide-TCL	8081B		10/11/24	10/11/24
			EPH_NF	NJEPH		10/11/24	10/11/24

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Hit Summary Sheet
SW-846

SDG No.: P4385 **Order ID:** P4385

Client: Scheideler Excavating Co. Inc. **Project ID:** Robbinsville

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1	SDG No.:	P4385
Lab Sample ID:	P4385-02	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027909.D	1	10/11/24 08:31	10/11/24 18:51	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.30	U	9.30	71.6	ug/Kg
120-36-5	DICHLORPROP	10.2	U	10.2	71.6	ug/Kg
94-75-7	2,4-D	12.9	U	12.9	71.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	71.6	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	71.6	ug/Kg
94-82-6	2,4-DB	19.6	U	19.6	71.6	ug/Kg
88-85-7	DINOSEB	13.2	U	13.2	71.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	395		70 (10) - 130 (141)	79%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2	SDG No.:	P4385
Lab Sample ID:	P4385-04	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	95 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027912.D	1	10/11/24 08:31	10/11/24 20:02	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.10	U	9.10	70.4	ug/Kg
120-36-5	DICHLORPROP	10.0	U	10.0	70.4	ug/Kg
94-75-7	2,4-D	12.7	U	12.7	70.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.90	U	9.90	70.4	ug/Kg
93-76-5	2,4,5-T	10.6	U	10.6	70.4	ug/Kg
94-82-6	2,4-DB	19.2	U	19.2	70.4	ug/Kg
88-85-7	DINOSEB	13.0	U	13.0	70.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	392		70 (10) - 130 (141)	78%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3	SDG No.:	P4385
Lab Sample ID:	P4385-06	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.1 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027913.D	1	10/11/24 08:31	10/11/24 20:26	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	71.2	ug/Kg
120-36-5	DICHLORPROP	10.1	U	10.1	71.2	ug/Kg
94-75-7	2,4-D	12.9	U	12.9	71.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	71.2	ug/Kg
93-76-5	2,4,5-T	10.7	U	10.7	71.2	ug/Kg
94-82-6	2,4-DB	19.4	U	19.4	71.2	ug/Kg
88-85-7	DINOSEB	13.2	U	13.2	71.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	295	*	70 (10) - 130 (141)	59%	SPK: 500

Comments:

U = Not Detected
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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-4	SDG No.:	P4385
Lab Sample ID:	P4385-08	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	99.1 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027914.D	1	10/11/24 08:31	10/11/24 20:50	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.70	U	8.70	67.4	ug/Kg
120-36-5	DICHLORPROP	9.60	U	9.60	67.4	ug/Kg
94-75-7	2,4-D	12.2	U	12.2	67.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.40	U	9.40	67.4	ug/Kg
93-76-5	2,4,5-T	10.2	U	10.2	67.4	ug/Kg
94-82-6	2,4-DB	18.4	U	18.4	67.4	ug/Kg
88-85-7	DINOSEB	12.5	U	12.5	67.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	346	*	70 (10) - 130 (141)	69%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-5	SDG No.:	P4385
Lab Sample ID:	P4385-10	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027920.D	1	10/11/24 08:31	10/14/24 16:12	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.30	U	9.30	71.6	ug/Kg
120-36-5	DICHLORPROP	10.2	U	10.2	71.6	ug/Kg
94-75-7	2,4-D	12.9	U	12.9	71.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	71.6	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	71.6	ug/Kg
94-82-6	2,4-DB	19.6	U	19.6	71.6	ug/Kg
88-85-7	DINOSEB	13.3	U	13.3	71.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	290	*	70 (10) - 130 (141)	58%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-6	SDG No.:	P4385
Lab Sample ID:	P4385-12	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027921.D	1	10/11/24 08:31	10/14/24 16:36	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.30	U	9.30	72.0	ug/Kg
120-36-5	DICHLORPROP	10.2	U	10.2	72.0	ug/Kg
94-75-7	2,4-D	13.0	U	13.0	72.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.1	U	10.1	72.0	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	72.0	ug/Kg
94-82-6	2,4-DB	19.7	U	19.7	72.0	ug/Kg
88-85-7	DINOSEB	13.3	U	13.3	72.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	326	*	70 (10) - 130 (141)	65%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-7	SDG No.:	P4385
Lab Sample ID:	P4385-14	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.8 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027922.D	1	10/11/24 08:31	10/14/24 17:00	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	71.2	ug/Kg
120-36-5	DICHLORPROP	10.1	U	10.1	71.2	ug/Kg
94-75-7	2,4-D	12.9	U	12.9	71.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	71.2	ug/Kg
93-76-5	2,4,5-T	10.7	U	10.7	71.2	ug/Kg
94-82-6	2,4-DB	19.5	U	19.5	71.2	ug/Kg
88-85-7	DINOSEB	13.2	U	13.2	71.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	303	*	70 (10) - 130 (141)	61%	SPK: 500

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
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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-8	SDG No.:	P4385
Lab Sample ID:	P4385-16	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027923.D	1	10/11/24 08:31	10/14/24 17:24	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	70.9	ug/Kg
120-36-5	DICHLORPROP	10.1	U	10.1	70.9	ug/Kg
94-75-7	2,4-D	12.8	U	12.8	70.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.90	U	9.90	70.9	ug/Kg
93-76-5	2,4,5-T	10.7	U	10.7	70.9	ug/Kg
94-82-6	2,4-DB	19.4	U	19.4	70.9	ug/Kg
88-85-7	DINOSEB	13.1	U	13.1	70.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	299	*	70 (10) - 130 (141)	60%	SPK: 500

Comments:

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

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-9	SDG No.:	P4385
Lab Sample ID:	P4385-18	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027924.D	1	10/11/24 08:31	10/14/24 17:48	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.30	U	9.30	71.7	ug/Kg
120-36-5	DICHLORPROP	10.2	U	10.2	71.7	ug/Kg
94-75-7	2,4-D	12.9	U	12.9	71.7	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	71.7	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	71.7	ug/Kg
94-82-6	2,4-DB	19.6	U	19.6	71.7	ug/Kg
88-85-7	DINOSEB	13.3	U	13.3	71.7	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	348		70 (10) - 130 (141)	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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-10	SDG No.:	P4385
Lab Sample ID:	P4385-20	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027925.D	1	10/11/24 08:31	10/14/24 18:12	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	70.8	ug/Kg
120-36-5	DICHLORPROP	10.1	U	10.1	70.8	ug/Kg
94-75-7	2,4-D	12.8	U	12.8	70.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.90	U	9.90	70.8	ug/Kg
93-76-5	2,4,5-T	10.7	U	10.7	70.8	ug/Kg
94-82-6	2,4-DB	19.3	U	19.3	70.8	ug/Kg
88-85-7	DINOSEB	13.1	U	13.1	70.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	330	*	70 (10) - 130 (141)	66%	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

QC SUMMARY

Alliance TECHNICAL GROUP
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Surrogate Summary

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PS027854.D	PIBLK-PS027854.D	2,4-DCAA	1	500	510	102		70 (39)	130 (175)
		2,4-DCAA	2	500	479	96		70 (39)	130 (175)
I.BLK-PS027904.D	PIBLK-PS027904.D	2,4-DCAA	1	500	520	104		70 (39)	130 (175)
		2,4-DCAA	2	500	485	97		70 (39)	130 (175)
PB164060BL	PB164060BL	2,4-DCAA	1	500	487	97		70 (10)	130 (141)
		2,4-DCAA	2	500	436	87		70 (10)	130 (141)
PB164060BS	PB164060BS	2,4-DCAA	1	500	590	118		70 (10)	130 (141)
		2,4-DCAA	2	500	532	106		70 (10)	130 (141)
P4385-02	SP-1	2,4-DCAA	1	500	395	79		70 (10)	130 (141)
		2,4-DCAA	2	500	293	59	*	70 (10)	130 (141)
P4385-02MS	SP-1MS	2,4-DCAA	1	500	490	98		70 (10)	130 (141)
		2,4-DCAA	2	500	361	72		70 (10)	130 (141)
P4385-02MSD	SP-1MSD	2,4-DCAA	1	500	511	102		70 (10)	130 (141)
		2,4-DCAA	2	500	371	74		70 (10)	130 (141)
P4385-04	SP-2	2,4-DCAA	1	500	392	78		70 (10)	130 (141)
		2,4-DCAA	2	500	276	55	*	70 (10)	130 (141)
P4385-06	SP-3	2,4-DCAA	1	500	295	59	*	70 (10)	130 (141)
		2,4-DCAA	2	500	207	41	*	70 (10)	130 (141)
P4385-08	SP-4	2,4-DCAA	1	500	346	69	*	70 (10)	130 (141)
		2,4-DCAA	2	500	223	45	*	70 (10)	130 (141)
I.BLK-PS027915.D	PIBLK-PS027915.D	2,4-DCAA	1	500	518	104		70 (39)	130 (175)
		2,4-DCAA	2	500	484	97		70 (39)	130 (175)
I.BLK-PS027918.D	PIBLK-PS027918.D	2,4-DCAA	1	500	526	105		70 (39)	130 (175)
		2,4-DCAA	2	500	474	95		70 (39)	130 (175)
P4385-10	SP-5	2,4-DCAA	1	500	290	58	*	70 (10)	130 (141)
		2,4-DCAA	2	500	178	36	*	70 (10)	130 (141)
P4385-12	SP-6	2,4-DCAA	1	500	326	65	*	70 (10)	130 (141)
		2,4-DCAA	2	500	188	38	*	70 (10)	130 (141)
P4385-14	SP-7	2,4-DCAA	1	500	303	61	*	70 (10)	130 (141)
		2,4-DCAA	2	500	167	33	*	70 (10)	130 (141)
P4385-16	SP-8	2,4-DCAA	1	500	299	60	*	70 (10)	130 (141)
		2,4-DCAA	2	500	192	38	*	70 (10)	130 (141)
P4385-18	SP-9	2,4-DCAA	1	500	348	70		70 (10)	130 (141)
		2,4-DCAA	2	500	180	36	*	70 (10)	130 (141)
P4385-20	SP-10	2,4-DCAA	1	500	330	66	*	70 (10)	130 (141)
		2,4-DCAA	2	500	210	42	*	70 (10)	130 (141)
I.BLK-PS027929.D	PIBLK-PS027929.D	2,4-DCAA	1	500	523	105		70 (39)	130 (175)
		2,4-DCAA	2	500	450	90		70 (39)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8151A **DataFile :** PS027910.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SP-1MS**											
P4385-02MS	DICAMBA	178	0	94.8	ug/Kg	53	*			70 (10)	130 (112)	
	DICHLORPROP	178	0	80.0	ug/Kg	45	*			70 (10)	130 (113)	
	2,4-D	178	0	102	ug/Kg	57	*			70 (10)	130 (144)	
	2,4,5-TP(Silvex)	178	0	56.7	ug/Kg	32	*			70 (10)	130 (114)	
	2,4,5-T	178	0	72.3	ug/Kg	41	*			70 (10)	130 (115)	
	2,4-DB	178	0	88.2	ug/Kg	50	*			70 (10)	130 (140)	
	Dinoseb	178	0	0	ug/Kg	0	*			70 (10)	130 (118)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8151A **DataFile :** PS027911.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SP-1MSD**											
P4385-02MSD	DICAMBA	178.1	0	96.3	ug/Kg	54	*	2		70 (10)	130 (112)	30 (20)
	DICHLORPROP	178.1	0	81.1	ug/Kg	46	*	2		70 (10)	130 (113)	30 (20)
	2,4-D	178.1	0	101	ug/Kg	57	*	0		70 (10)	130 (144)	30 (20)
	2,4,5-TP(Silvex)	178.1	0	55.6	ug/Kg	31	*	3		70 (10)	130 (114)	30 (20)
	2,4,5-T	178.1	0	71.4	ug/Kg	40	*	2		70 (10)	130 (115)	30 (20)
	2,4-DB	178.1	0	55.3	ug/Kg	31	*	47	*	70 (10)	130 (140)	30 (20)
	Dinoseb	178.1	0	0	ug/Kg	0	*	0		70 (10)	130 (118)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8151A **Datafile :** PS027907.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164060BS	DICAMBA	166.6	160	ug/Kg	96				70 (72)	130 (129)	
	DICHLORPROP	166.6	170	ug/Kg	102				70 (77)	130 (135)	
	2,4-D	166.6	197	ug/Kg	118				70 (65)	130 (144)	
	2,4,5-TP(Silvex)	166.6	176	ug/Kg	106				70 (74)	130 (146)	
	2,4,5-T	166.6	164	ug/Kg	98				70 (77)	130 (134)	
	2,4-DB	166.6	186	ug/Kg	112				70 (72)	130 (122)	
	Dinoseb	166.6	162	ug/Kg	97				70 (74)	130 (132)	

( ) = LABORATORY INHOUSE LIMIT

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164060BL

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Lab Sample ID: PB164060BL Lab File ID: PS027906.D

Matrix: (soil/water) Solid Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 10/11/2024

Date Analyzed (1): 10/11/2024 Date Analyzed (2): 10/11/2024

Time Analyzed (1): 17:39 Time Analyzed (2): 17:39

Instrument ID (1): ECD_S Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB164060BS	PB164060BS	PS027907.D	10/11/2024	10/11/2024
SP-1	P4385-02	PS027909.D	10/11/2024	10/11/2024
SP-1MS	P4385-02MS	PS027910.D	10/11/2024	10/11/2024
SP-1MSD	P4385-02MSD	PS027911.D	10/11/2024	10/11/2024
SP-2	P4385-04	PS027912.D	10/11/2024	10/11/2024
SP-3	P4385-06	PS027913.D	10/11/2024	10/11/2024
SP-4	P4385-08	PS027914.D	10/11/2024	10/11/2024
SP-5	P4385-10	PS027920.D	10/14/2024	10/14/2024
SP-6	P4385-12	PS027921.D	10/14/2024	10/14/2024
SP-7	P4385-14	PS027922.D	10/14/2024	10/14/2024
SP-8	P4385-16	PS027923.D	10/14/2024	10/14/2024
SP-9	P4385-18	PS027924.D	10/14/2024	10/14/2024
SP-10	P4385-20	PS027925.D	10/14/2024	10/14/2024

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164060BL	SDG No.:	P4385
Lab Sample ID:	PB164060BL	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027906.D	1	10/11/24 08:31	10/11/24 17:39	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.70	U	8.70	67.0	ug/Kg
120-36-5	DICHLORPROP	9.50	U	9.50	67.0	ug/Kg
94-75-7	2,4-D	12.1	U	12.1	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.40	U	9.40	67.0	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	67.0	ug/Kg
94-82-6	2,4-DB	18.3	U	18.3	67.0	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	487		70 (10) - 130 (141)	97%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/07/24
Project:	Robbinsville	Date Received:	10/07/24
Client Sample ID:	PIBLK-PS027854.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PS027854.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027854.D	1		10/07/24	PS100724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	510		70 (39) - 130 (175)	102%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/11/24
Project:	Robbinsville	Date Received:	10/11/24
Client Sample ID:	PIBLK-PS027904.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PS027904.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027904.D	1		10/11/24	PS101124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	520		70 (39) - 130 (175)	104%	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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/11/24
Project:	Robbinsville	Date Received:	10/11/24
Client Sample ID:	PIBLK-PS027915.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PS027915.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027915.D	1		10/11/24	PS101124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	518		70 (39) - 130 (175)	104%	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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/14/24
Project:	Robbinsville	Date Received:	10/14/24
Client Sample ID:	PIBLK-PS027918.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PS027918.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027918.D	1		10/14/24	ps101424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	526		70 (39) - 130 (175)	105%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/14/24
Project:	Robbinsville	Date Received:	10/14/24
Client Sample ID:	PIBLK-PS027929.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PS027929.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027929.D	1		10/14/24	ps101424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	523		70 (39) - 130 (175)	105%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164060BS	SDG No.:	P4385
Lab Sample ID:	PB164060BS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027907.D	1	10/11/24 08:31	10/11/24 18:03	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	160		8.70	67.0	ug/Kg
120-36-5	DICHLORPROP	170		9.50	67.0	ug/Kg
94-75-7	2,4-D	197		12.1	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	176		9.40	67.0	ug/Kg
93-76-5	2,4,5-T	164		10.1	67.0	ug/Kg
94-82-6	2,4-DB	186		18.3	67.0	ug/Kg
88-85-7	DINOSEB	162		12.4	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	590		70 (10) - 130 (141)	118%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1MS	SDG No.:	P4385
Lab Sample ID:	P4385-02MS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027910.D	1	10/11/24 08:31	10/11/24 19:15	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	94.8		9.30	71.5	ug/Kg
120-36-5	DICHLORPROP	80.0		10.2	71.5	ug/Kg
94-75-7	2,4-D	102		12.9	71.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	56.7	J	10.0	71.5	ug/Kg
93-76-5	2,4,5-T	72.3		10.8	71.5	ug/Kg
94-82-6	2,4-DB	88.2	P	19.5	71.5	ug/Kg
88-85-7	DINOSEB	13.2	U	13.2	71.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	490		70 (10) - 130 (141)	98%	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

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1MSD	SDG No.:	P4385
Lab Sample ID:	P4385-02MSD	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027911.D	1	10/11/24 08:31	10/11/24 19:39	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	96.3		9.30	71.6	ug/Kg
120-36-5	DICHLORPROP	81.1		10.2	71.6	ug/Kg
94-75-7	2,4-D	101		12.9	71.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	55.6	J	10.0	71.6	ug/Kg
93-76-5	2,4,5-T	71.4	J	10.8	71.6	ug/Kg
94-82-6	2,4-DB	55.3	J	19.6	71.6	ug/Kg
88-85-7	DINOSEB	13.3	U	13.3	71.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	511		70 (10) - 130 (141)	102%	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

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Instrument ID: ECD_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS027855.D RT 500 = PS027856.D

RT 750 = PS027857.D RT 1000 = PS027858.D RT 1500 = PS027859.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.33	9.32	9.32	9.32	9.32	9.32	9.22	9.42
2,4,5-TP(Silvex)	9.04	9.04	9.04	9.04	9.04	9.04	8.94	9.14
2,4-D	8.19	8.19	8.19	8.19	8.19	8.19	8.09	8.29
2,4-DB	9.89	9.89	9.89	9.89	9.88	9.89	9.79	9.99
2,4-DCAA	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
DICAMBA	7.28	7.28	7.28	7.28	7.28	7.28	7.18	7.38
DICHLORPROP	7.97	7.96	7.96	7.96	7.96	7.96	7.86	8.06
Dinoseb	11.07	11.06	11.06	11.06	11.06	11.06	10.96	11.16

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Instrument ID: ECD_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS027855.D RT 500 = PS027856.D

RT 750 = PS027857.D RT 1000 = PS027858.D RT 1500 = PS027859.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.16	10.16	10.16	10.16	10.16	10.16	10.06	10.26
2,4,5-TP(Silvex)	9.74	9.74	9.74	9.75	9.74	9.74	9.64	9.84
2,4-D	8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
2,4-DB	10.72	10.72	10.72	10.72	10.72	10.72	10.62	10.82
2,4-DCAA	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
DICAMBA	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
DICHLORPROP	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63
Dinoseb	11.09	11.09	11.09	11.10	11.10	11.09	10.99	11.19

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Instrument ID: ECD_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS027855.D **CF 500 =** PS027856.D

CF 750 = PS027857.D **CF 1000 =** PS027858.D **CF 1500 =** PS027859.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	18343600000	16688400000	15979100000	15233500000	14618600000	16172600000	9
2,4,5-TP(Silvex)	17880800000	16295200000	15561300000	14860800000	14230700000	15765800000	9
2,4-D	4035830000	3400610000	3232540000	3118050000	3033140000	3364040000	12
2,4-DB	2919030000	2604920000	2538650000	2470580000	2435210000	2593680000	7
2,4-DCAA	3212120000	2729210000	2603700000	2494650000	2431770000	2694290000	12
DICAMBA	12294700000	11042300000	10774300000	10345200000	10089200000	10909100000	8
DICHLORPROP	3386110000	2901560000	2764510000	2668690000	2587880000	2861750000	11
Dinoseb	12428700000	10842500000	10254000000	9696060000	9493690000	10543000000	11

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Instrument ID: ECD_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS027855.D **CF 500 =** PS027856.D

CF 750 = PS027857.D **CF 1000 =** PS027858.D **CF 1500 =** PS027859.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	4247070000	4175740000	4737450000	3839740000	4526220000	4305240000	8
2,4,5-TP(Silvex)	4779860000	4999670000	5205360000	4527870000	5258550000	4954260000	6
2,4-D	1095340000	1009530000	1028930000	859895000	1017690000	1002280000	9
2,4-DB	511522000	522251000	524993000	441664000	531313000	506349000	7
2,4-DCAA	1083730000	982125000	983055000	920328000	999193000	993686000	6
DICAMBA	3377710000	3467820000	3634070000	3257360000	3648910000	3477170000	5
DICHLORPROP	1101380000	970842000	1031010000	847032000	984460000	986945000	9
Dinoseb	3358670000	3406870000	3546900000	3079720000	3498040000	3378040000	5

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 10:37 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.27	7.28	7.18	7.38	0.01
2,4-DCAA	7.10	7.10	7.00	7.20	0.01
DICHLORPROP	7.96	7.96	7.86	8.06	0.00
2,4-D	8.18	8.19	8.09	8.29	0.01
2,4,5-TP(Silvex)	9.03	9.04	8.94	9.14	0.01
2,4,5-T	9.32	9.32	9.22	9.42	0.00
2,4-DB	9.88	9.89	9.79	9.99	0.01
Dinoseb	11.06	11.06	10.96	11.16	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 10:37 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.82	7.82	7.72	7.92	0.00
2,4-DCAA	7.62	7.63	7.53	7.73	0.01
DICHLORPROP	8.52	8.53	8.43	8.63	0.01
2,4-D	8.85	8.85	8.75	8.95	0.00
2,4,5-TP(Silvex)	9.74	9.74	9.64	9.84	0.00
2,4,5-T	10.15	10.16	10.06	10.26	0.01
2,4-DB	10.71	10.72	10.62	10.82	0.01
Dinoseb	11.09	11.09	10.99	11.19	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027905.D **Time Analyzed:** 10:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.318	9.223	9.423	719.450	712.500	1.0
2,4,5-TP(Silvex)	9.034	8.938	9.138	717.440	712.500	0.7
2,4-D	8.181	8.085	8.285	686.600	705.000	-2.6
2,4-DB	9.881	9.785	9.985	702.270	712.500	-1.4
2,4-DCAA	7.095	6.998	7.198	735.100	750.000	-2.0
DICAMBA	7.274	7.177	7.377	705.590	705.000	0.1
DICHLORPROP	7.959	7.863	8.063	695.860	705.000	-1.3
Dinoseb	11.057	10.961	11.161	707.700	705.000	0.4

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027905.D **Time Analyzed:** 10:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.153	10.058	10.258	708.250	712.500	-0.6
2,4,5-TP(Silvex)	9.739	9.643	9.843	721.720	712.500	1.3
2,4-D	8.849	8.752	8.952	672.380	705.000	-4.6
2,4-DB	10.714	10.619	10.819	705.100	712.500	-1.0
2,4-DCAA	7.622	7.528	7.728	698.610	750.000	-6.9
DICAMBA	7.817	7.722	7.922	732.660	705.000	3.9
DICHLORPROP	8.524	8.428	8.628	690.830	705.000	-2.0
Dinoseb	11.088	10.993	11.193	705.540	705.000	0.1

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 21:38 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.27	7.28	7.18	7.38	0.01
2,4-DCAA	7.10	7.10	7.00	7.20	0.01
DICHLORPROP	7.96	7.96	7.86	8.06	0.00
2,4-D	8.18	8.19	8.09	8.29	0.01
2,4,5-TP(Silvex)	9.04	9.04	8.94	9.14	0.01
2,4,5-T	9.32	9.32	9.22	9.42	0.00
2,4-DB	9.88	9.89	9.79	9.99	0.01
Dinoseb	11.06	11.06	10.96	11.16	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 21:38 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.82	7.82	7.72	7.92	0.00
2,4-DCAA	7.62	7.63	7.53	7.73	0.01
DICHLORPROP	8.52	8.53	8.43	8.63	0.01
2,4-D	8.85	8.85	8.75	8.95	0.00
2,4,5-TP(Silvex)	9.74	9.74	9.64	9.84	0.00
2,4,5-T	10.15	10.16	10.06	10.26	0.01
2,4-DB	10.71	10.72	10.62	10.82	0.01
Dinoseb	11.09	11.09	10.99	11.19	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027916.D **Time Analyzed:** 21:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.319	9.223	9.423	723.470	712.500	1.5
2,4,5-TP(Silvex)	9.035	8.938	9.138	715.280	712.500	0.4
2,4-D	8.182	8.085	8.285	691.690	705.000	-1.9
2,4-DB	9.881	9.785	9.985	706.900	712.500	-0.8
2,4-DCAA	7.095	6.998	7.198	738.190	750.000	-1.6
DICAMBA	7.274	7.177	7.377	705.560	705.000	0.1
DICHLORPROP	7.959	7.863	8.063	697.370	705.000	-1.1
Dinoseb	11.057	10.961	11.161	717.240	705.000	1.7

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027916.D **Time Analyzed:** 21:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.153	10.058	10.258	720.170	712.500	1.1
2,4,5-TP(Silvex)	9.739	9.643	9.843	701.080	712.500	-1.6
2,4-D	8.848	8.752	8.952	705.930	705.000	0.1
2,4-DB	10.713	10.619	10.819	697.420	712.500	-2.1
2,4-DCAA	7.623	7.528	7.728	675.590	750.000	-9.9
DICAMBA	7.817	7.722	7.922	708.800	705.000	0.5
DICHLORPROP	8.524	8.428	8.628	679.310	705.000	-3.6
Dinoseb	11.089	10.993	11.193	702.130	705.000	-0.4

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/14/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 13:17 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.28	7.28	7.18	7.38	0.00
2,4-DCAA	7.10	7.10	7.00	7.20	0.00
DICHLORPROP	7.96	7.96	7.86	8.06	0.00
2,4-D	8.19	8.19	8.09	8.29	0.00
2,4,5-TP(Silvex)	9.04	9.04	8.94	9.14	0.00
2,4,5-T	9.33	9.32	9.22	9.42	0.00
2,4-DB	9.89	9.89	9.79	9.99	0.00
Dinoseb	11.07	11.06	10.96	11.16	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/14/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 13:17 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.82	7.82	7.72	7.92	0.00
2,4-DCAA	7.62	7.63	7.53	7.73	0.01
DICHLORPROP	8.52	8.53	8.43	8.63	0.01
2,4-D	8.85	8.85	8.75	8.95	0.00
2,4,5-TP(Silvex)	9.74	9.74	9.64	9.84	0.00
2,4,5-T	10.15	10.16	10.06	10.26	0.01
2,4-DB	10.71	10.72	10.62	10.82	0.01
Dinoseb	11.09	11.09	10.99	11.19	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL03 **Date Analyzed:** 10/14/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027919.D **Time Analyzed:** 13:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.325	9.223	9.423	779.050	712.500	9.3
2,4,5-TP(Silvex)	9.040	8.938	9.138	781.510	712.500	9.7
2,4-D	8.187	8.085	8.285	750.840	705.000	6.5
2,4-DB	9.888	9.785	9.985	764.330	712.500	7.3
2,4-DCAA	7.099	6.998	7.198	794.520	750.000	5.9
DICAMBA	7.278	7.177	7.377	769.850	705.000	9.2
DICHLORPROP	7.964	7.863	8.063	748.400	705.000	6.2
Dinoseb	11.065	10.961	11.161	783.380	705.000	11.1

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL03 **Date Analyzed:** 10/14/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027919.D **Time Analyzed:** 13:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.151	10.058	10.258	754.110	712.500	5.8
2,4,5-TP(Silvex)	9.736	9.643	9.843	778.620	712.500	9.3
2,4-D	8.845	8.752	8.952	760.550	705.000	7.9
2,4-DB	10.713	10.619	10.819	747.140	712.500	4.9
2,4-DCAA	7.622	7.528	7.728	784.440	750.000	4.6
DICAMBA	7.816	7.722	7.922	772.700	705.000	9.6
DICHLORPROP	8.521	8.428	8.628	724.490	705.000	2.8
Dinoseb	11.089	10.993	11.193	723.760	705.000	2.7

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/14/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 20:13 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.28	7.28	7.18	7.38	0.00
2,4-DCAA	7.10	7.10	7.00	7.20	0.00
DICHLORPROP	7.96	7.96	7.86	8.06	0.00
2,4-D	8.18	8.19	8.09	8.29	0.01
2,4,5-TP(Silvex)	9.04	9.04	8.94	9.14	0.01
2,4,5-T	9.32	9.32	9.22	9.42	0.00
2,4-DB	9.88	9.89	9.79	9.99	0.01
Dinoseb	11.06	11.06	10.96	11.16	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Continuing Calib Date: 10/14/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 20:13 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.82	7.82	7.72	7.92	0.00
2,4-DCAA	7.62	7.63	7.53	7.73	0.01
DICHLORPROP	8.52	8.53	8.43	8.63	0.01
2,4-D	8.85	8.85	8.75	8.95	0.00
2,4,5-TP(Silvex)	9.74	9.74	9.64	9.84	0.00
2,4,5-T	10.15	10.16	10.06	10.26	0.01
2,4-DB	10.72	10.72	10.62	10.82	0.00
Dinoseb	11.09	11.09	10.99	11.19	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL04 **Date Analyzed:** 10/14/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027930.D **Time Analyzed:** 20:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.319	9.223	9.423	765.640	712.500	7.5
2,4,5-TP(Silvex)	9.035	8.938	9.138	762.320	712.500	7.0
2,4-D	8.182	8.085	8.285	738.140	705.000	4.7
2,4-DB	9.883	9.785	9.985	746.440	712.500	4.8
2,4-DCAA	7.096	6.998	7.198	783.520	750.000	4.5
DICAMBA	7.275	7.177	7.377	751.460	705.000	6.6
DICHLORPROP	7.960	7.863	8.063	743.090	705.000	5.4
Dinoseb	11.058	10.961	11.161	758.640	705.000	7.6

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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL04 **Date Analyzed:** 10/14/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027930.D **Time Analyzed:** 20:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.153	10.058	10.258	706.040	712.500	-0.9
2,4,5-TP(Silvex)	9.738	9.643	9.843	690.700	712.500	-3.1
2,4-D	8.848	8.752	8.952	682.210	705.000	-3.2
2,4-DB	10.715	10.619	10.819	668.500	712.500	-6.2
2,4-DCAA	7.624	7.528	7.728	720.250	750.000	-4.0
DICAMBA	7.818	7.722	7.922	691.530	705.000	-1.9
DICHLORPROP	8.523	8.428	8.628	665.930	705.000	-5.5
Dinoseb	11.088	10.993	11.193	686.300	705.000	-2.7

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Analytical Sequence

Client: Scheideler Excavating Co. Inc. **SDG No.:** P4385

Project: Robbinsville **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/07/2024 10/07/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/07/2024	10:14	PS027854.D	7.10	0.00
HSTDICC200	HSTDICC200	10/07/2024	11:12	PS027855.D	7.10	0.00
HSTDICC500	HSTDICC500	10/07/2024	11:36	PS027856.D	7.10	0.00
HSTDICC750	HSTDICC750	10/07/2024	12:00	PS027857.D	7.10	0.00
HSTDICC1000	HSTDICC1000	10/07/2024	12:23	PS027858.D	7.10	0.00
HSTDICC1500	HSTDICC1500	10/07/2024	12:47	PS027859.D	7.10	0.00
I.BLK	I.BLK	10/11/2024	10:13	PS027904.D	7.10	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	10:37	PS027905.D	7.10	0.00
PB164060BL	PB164060BL	10/11/2024	17:39	PS027906.D	7.10	0.00
PB164060BS	PB164060BS	10/11/2024	18:03	PS027907.D	7.10	0.00
SP-1	P4385-02	10/11/2024	18:51	PS027909.D	7.09	0.00
SP-1MS	P4385-02MS	10/11/2024	19:15	PS027910.D	7.09	0.00
SP-1MSD	P4385-02MSD	10/11/2024	19:39	PS027911.D	7.09	0.00
SP-2	P4385-04	10/11/2024	20:02	PS027912.D	7.09	0.00
SP-3	P4385-06	10/11/2024	20:26	PS027913.D	7.09	0.00
SP-4	P4385-08	10/11/2024	20:50	PS027914.D	7.09	0.00
I.BLK	I.BLK	10/11/2024	21:14	PS027915.D	7.10	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	21:38	PS027916.D	7.10	0.00
I.BLK	I.BLK	10/14/2024	11:25	PS027918.D	7.10	0.00
HSTDCCC750	HSTDCCC750	10/14/2024	13:17	PS027919.D	7.10	0.00
SP-5	P4385-10	10/14/2024	16:12	PS027920.D	7.10	0.00
SP-6	P4385-12	10/14/2024	16:36	PS027921.D	7.10	0.00
SP-7	P4385-14	10/14/2024	17:00	PS027922.D	7.09	0.00
SP-8	P4385-16	10/14/2024	17:24	PS027923.D	7.10	0.00
SP-9	P4385-18	10/14/2024	17:48	PS027924.D	7.09	0.00
SP-10	P4385-20	10/14/2024	18:12	PS027925.D	7.09	0.00
I.BLK	I.BLK	10/14/2024	19:49	PS027929.D	7.10	0.00
HSTDCCC750	HSTDCCC750	10/14/2024	20:13	PS027930.D	7.10	0.00

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Analytical Sequence

Client: Scheideler Excavating Co. Inc. **SDG No.:** P4385

Project: Robbinsville **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/07/2024 10/07/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/07/2024	10:14	PS027854.D	7.63	0.00
HSTDICC200	HSTDICC200	10/07/2024	11:12	PS027855.D	7.63	0.00
HSTDICC500	HSTDICC500	10/07/2024	11:36	PS027856.D	7.63	0.00
HSTDICC750	HSTDICC750	10/07/2024	12:00	PS027857.D	7.63	0.00
HSTDICC1000	HSTDICC1000	10/07/2024	12:23	PS027858.D	7.63	0.00
HSTDICC1500	HSTDICC1500	10/07/2024	12:47	PS027859.D	7.63	0.00
I.BLK	I.BLK	10/11/2024	10:13	PS027904.D	7.62	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	10:37	PS027905.D	7.62	0.00
PB164060BL	PB164060BL	10/11/2024	17:39	PS027906.D	7.62	0.00
PB164060BS	PB164060BS	10/11/2024	18:03	PS027907.D	7.62	0.00
SP-1	P4385-02	10/11/2024	18:51	PS027909.D	7.62	0.00
SP-1MS	P4385-02MS	10/11/2024	19:15	PS027910.D	7.62	0.00
SP-1MSD	P4385-02MSD	10/11/2024	19:39	PS027911.D	7.62	0.00
SP-2	P4385-04	10/11/2024	20:02	PS027912.D	7.62	0.00
SP-3	P4385-06	10/11/2024	20:26	PS027913.D	7.62	0.00
SP-4	P4385-08	10/11/2024	20:50	PS027914.D	7.62	0.00
I.BLK	I.BLK	10/11/2024	21:14	PS027915.D	7.62	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	21:38	PS027916.D	7.62	0.00
I.BLK	I.BLK	10/14/2024	11:25	PS027918.D	7.63	0.00
HSTDCCC750	HSTDCCC750	10/14/2024	13:17	PS027919.D	7.62	0.00
SP-5	P4385-10	10/14/2024	16:12	PS027920.D	7.62	0.00
SP-6	P4385-12	10/14/2024	16:36	PS027921.D	7.62	0.00
SP-7	P4385-14	10/14/2024	17:00	PS027922.D	7.62	0.00
SP-8	P4385-16	10/14/2024	17:24	PS027923.D	7.63	0.00
SP-9	P4385-18	10/14/2024	17:48	PS027924.D	7.62	0.00
SP-10	P4385-20	10/14/2024	18:12	PS027925.D	7.62	0.00
I.BLK	I.BLK	10/14/2024	19:49	PS027929.D	7.63	0.00
HSTDCCC750	HSTDCCC750	10/14/2024	20:13	PS027930.D	7.62	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164060BS

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Lab Sample ID: PB164060BS **Date(s) Analyzed:** 10/11/2024 10/11/2024

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-TP(Silvex)	1	9.03	8.98	9.08	176	1.1
	2	9.74	9.69	9.79	174	
2,4,5-T	1	9.32	9.27	9.37	164	1.2
	2	10.15	10.10	10.20	162	
DICHLORPROP	1	7.96	7.91	8.01	168	1.2
	2	8.53	8.48	8.58	170	
2,4-D	1	8.18	8.13	8.23	178	10.1
	2	8.85	8.80	8.90	197	
2,4-DB	1	9.88	9.83	9.93	170	9
	2	10.72	10.67	10.77	186	
Dinoseb	1	11.06	11.01	11.11	162	0
	2	11.09	11.04	11.14	162	
DICAMBA	1	7.28	7.23	7.33	160	7.1
	2	7.82	7.77	7.87	149	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-1MS

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Lab Sample ID: P4385-02MS **Date(s) Analyzed:** 10/11/2024 10/11/2024

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-T	1	9.32	9.27	9.37	72.3	2.2
	2	10.15	10.10	10.20	70.7	
2,4,5-TP(Silvex)	1	9.03	8.98	9.08	56.7	9.8
	2	9.74	9.69	9.79	51.4	
2,4-D	1	8.18	8.13	8.23	98.4	3.6
	2	8.85	8.80	8.90	102	
2,4-DB	1	9.88	9.83	9.93	88.2	40.7
	2	10.71	10.66	10.76	58.4	
DICHLORPROP	1	7.96	7.91	8.01	79.7	0.4
	2	8.52	8.47	8.57	80.0	
DICAMBA	1	7.27	7.22	7.32	94.8	20.3
	2	7.82	7.77	7.87	77.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-1MSD

Contract: SCHE03

Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385

Lab Sample ID: P4385-02MSD **Date(s) Analyzed:** 10/11/2024 10/11/2024

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	7.96	7.91	8.01	78.9	2.7
	2	8.53	8.48	8.58	81.1	
2,4-D	1	8.18	8.13	8.23	99.7	1.3
	2	8.85	8.80	8.90	101	
2,4,5-TP(Silvex)	1	9.03	8.98	9.08	55.6	15.7
	2	9.74	9.69	9.79	47.5	
2,4,5-T	1	9.32	9.27	9.37	71.4	0.1
	2	10.15	10.10	10.20	71.3	
2,4-DB	1	9.88	9.83	9.93	52.4	5.4
	2	10.71	10.66	10.76	55.3	
DICAMBA	1	7.27	7.22	7.32	96.3	20.5
	2	7.82	7.77	7.87	78.4	