

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
			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
			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
			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
			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
			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
			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
			PCB	8082A		10/11/24	10/11/24	

LAB CHRONICLE

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

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 : SP-1								
P4385-02	SP-1	SOIL	Dieldrin	0.48	J	0.16	1.80	ug/kg
P4385-02	SP-1	SOIL	4,4-DDE	12.9		0.14	1.80	ug/kg
P4385-02	SP-1	SOIL	4,4-DDD	1.80		0.20	1.80	ug/kg
P4385-02	SP-1	SOIL	4,4-DDT	10.7		0.18	1.80	ug/kg
Total Concentration:				25.880				
Client ID : SP-2								
P4385-04	SP-2	SOIL	Dieldrin	0.94	J	0.16	1.80	ug/kg
P4385-04	SP-2	SOIL	4,4-DDE	30.6		0.14	1.80	ug/kg
P4385-04	SP-2	SOIL	4,4-DDD	4.00		0.20	1.80	ug/kg
P4385-04	SP-2	SOIL	4,4-DDT	26.0		0.18	1.80	ug/kg
Total Concentration:				61.540				
Client ID : SP-3								
P4385-06	SP-3	SOIL	Dieldrin	0.80	J	0.16	1.80	ug/kg
P4385-06	SP-3	SOIL	4,4-DDE	23.0		0.14	1.80	ug/kg
P4385-06	SP-3	SOIL	4,4-DDD	4.30		0.20	1.80	ug/kg
P4385-06	SP-3	SOIL	4,4-DDT	19.7		0.18	1.80	ug/kg
Total Concentration:				47.800				
Client ID : SP-4								
P4385-08	SP-4	SOIL	Dieldrin	0.26	JP	0.15	1.70	ug/kg
P4385-08	SP-4	SOIL	4,4-DDE	5.60		0.13	1.70	ug/kg
P4385-08	SP-4	SOIL	4,4-DDD	0.95	JP	0.19	1.70	ug/kg
P4385-08	SP-4	SOIL	4,4-DDT	6.70		0.17	1.70	ug/kg
Total Concentration:				13.510				
Client ID : SP-5								
P4385-10	SP-5	SOIL	4,4-DDE	8.20		0.14	1.80	ug/kg
P4385-10	SP-5	SOIL	4,4-DDD	0.73	J	0.20	1.80	ug/kg
P4385-10	SP-5	SOIL	4,4-DDT	5.40		0.18	1.80	ug/kg
Total Concentration:				14.330				
Client ID : SP-6								
P4385-12	SP-6	SOIL	Dieldrin	0.54	J	0.16	1.80	ug/kg
P4385-12	SP-6	SOIL	4,4-DDE	12.7		0.14	1.80	ug/kg
P4385-12	SP-6	SOIL	4,4-DDD	1.90		0.20	1.80	ug/kg
P4385-12	SP-6	SOIL	4,4-DDT	12.7		0.18	1.80	ug/kg
P4385-12	SP-6	SOIL	alpha-Chlordane	0.23	J	0.18	1.80	ug/kg

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
Total Concentration:				28.070				
Client ID : SP-7								
P4385-14	SP-7	SOIL	4,4-DDE	10.0		0.14	1.80	ug/kg
P4385-14	SP-7	SOIL	4,4-DDD	1.20	J	0.20	1.80	ug/kg
P4385-14	SP-7	SOIL	4,4-DDT	5.10		0.18	1.80	ug/kg
P4385-14	SP-7	SOIL	alpha-Chlordane	0.67	JP	0.18	1.80	ug/kg
P4385-14	SP-7	SOIL	gamma-Chlordane	0.27	J	0.20	1.80	ug/kg
Total Concentration:				17.240				
Client ID : SP-8								
P4385-16	SP-8	SOIL	4,4-DDE	10.1		0.14	1.80	ug/kg
P4385-16	SP-8	SOIL	4,4-DDD	0.92	J	0.20	1.80	ug/kg
P4385-16	SP-8	SOIL	4,4-DDT	5.60		0.18	1.80	ug/kg
P4385-16	SP-8	SOIL	alpha-Chlordane	0.57	JP	0.18	1.80	ug/kg
P4385-16	SP-8	SOIL	gamma-Chlordane	0.20	J	0.20	1.80	ug/kg
Total Concentration:				17.390				
Client ID : SP-9								
P4385-18	SP-9	SOIL	Heptachlor epoxide	0.55	JP	0.25	1.80	ug/kg
P4385-18	SP-9	SOIL	Dieldrin	1.80	P	0.16	1.80	ug/kg
P4385-18	SP-9	SOIL	4,4-DDE	14.9	P	0.14	1.80	ug/kg
P4385-18	SP-9	SOIL	4,4-DDD	5.40	P	0.20	1.80	ug/kg
P4385-18	SP-9	SOIL	4,4-DDT	13.5		0.18	1.80	ug/kg
P4385-18	SP-9	SOIL	alpha-Chlordane	0.98	JP	0.18	1.80	ug/kg
P4385-18	SP-9	SOIL	gamma-Chlordane	0.87	J	0.20	1.80	ug/kg
Total Concentration:				38.000				
Client ID : SP-10								
P4385-20	SP-10	SOIL	4,4-DDE	10.4		0.14	1.80	ug/kg
P4385-20	SP-10	SOIL	4,4-DDD	0.98	J	0.20	1.80	ug/kg
P4385-20	SP-10	SOIL	4,4-DDT	6.00		0.18	1.80	ug/kg
P4385-20	SP-10	SOIL	alpha-Chlordane	0.72	JP	0.18	1.80	ug/kg
P4385-20	SP-10	SOIL	gamma-Chlordane	0.38	JP	0.20	1.80	ug/kg
Total Concentration:				18.480				



SAMPLE DATA

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:	SW8081		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092334.D	1	10/11/24 09:00	10/11/24 14:04	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.48	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	12.9		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	1.80		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	10.7		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.6		30 (10) - 150 (148)	63%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.2		30 (10) - 150 (159)	66%	SPK: 20

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:	SW8081		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092334.D	1	10/11/24 09:00	10/11/24 14:04	PB164067

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

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081		% Solid:	95	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092335.D	1	10/11/24 09:00	10/11/24 14:17	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.49	U	0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.94	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	30.6		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	4.00		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	26.0		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.7		30 (10) - 150 (148)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (10) - 150 (159)	101%	SPK: 20

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:	SW8081		% Solid:	95	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092335.D	1	10/11/24 09:00	10/11/24 14:17	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081		% Solid:	94.1	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092343.D	1	10/11/24 09:00	10/11/24 16:32	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.80	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	23.0		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	4.30		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	19.7		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	35.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.1		30 (10) - 150 (148)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		30 (10) - 150 (159)	100%	SPK: 20

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:	SW8081		% Solid:	94.1	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092343.D	1	10/11/24 09:00	10/11/24 16:32	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	SW8081		% Solid:	99.1	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092338.D	1	10/11/24 09:00	10/11/24 14:58	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.49	U	0.49	1.70	ug/kg
319-86-8	delta-BHC	0.47	U	0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.26	JP	0.15	1.70	ug/kg
72-55-9	4,4-DDE	5.60		0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.95	JP	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	6.70		0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		30 (10) - 150 (148)	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		30 (10) - 150 (159)	104%	SPK: 20

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:	SW8081		% Solid:	99.1	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092338.D	1	10/11/24 09:00	10/11/24 14:58	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092339.D	1	10/11/24 09:00	10/11/24 15:11	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	8.20		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.73	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	5.40		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.3		30 (10) - 150 (148)	67%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		30 (10) - 150 (159)	63%	SPK: 20

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:	SW8081		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092339.D	1	10/11/24 09:00	10/11/24 15:11	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081	% Solid:	93
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092345.D	1	10/11/24 09:00	10/11/24 17:18	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.53	U	0.53	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.54	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	12.7		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	1.90		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	12.7		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.23	J	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.7		30 (10) - 150 (148)	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		30 (10) - 150 (159)	100%	SPK: 20

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:	SW8081		% Solid:	93	Decanted:
Sample Wt/Vol:	30.1	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092345.D	1	10/11/24 09:00	10/11/24 17:18	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081	% Solid:	93.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092340.D	1	10/11/24 09:00	10/11/24 15:25	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	10.0		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	1.20	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	5.10		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.67	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.27	J	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		30 (10) - 150 (148)	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.0		30 (10) - 150 (159)	70%	SPK: 20

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:	SW8081		% Solid:	93.8	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092340.D	1	10/11/24 09:00	10/11/24 15:25	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081		% Solid:	94.3	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092341.D	1	10/11/24 09:00	10/11/24 15:38	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	10.1		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.92	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	5.60		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.57	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	J	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.7		30 (10) - 150 (148)	69%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.3		30 (10) - 150 (159)	66%	SPK: 20

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:	SW8081		% Solid:	94.3	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092341.D	1	10/11/24 09:00	10/11/24 15:38	PB164067

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

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092344.D	1	10/11/24 09:00	10/11/24 16:59	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.55	JP	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	1.80	P	0.16	1.80	ug/kg
72-55-9	4,4-DDE	14.9	P	0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	5.40	P	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	13.5		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.98	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.87	J	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (148)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		30 (10) - 150 (159)	100%	SPK: 20

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:	SW8081		% Solid:	93.4	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092344.D	1	10/11/24 09:00	10/11/24 16:59	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	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:	SW8081		% Solid:	94.4	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092342.D	1	10/11/24 09:00	10/11/24 15:52	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	10.4		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.98	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	6.00		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.72	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.38	JP	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		30 (10) - 150 (148)	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.4		30 (10) - 150 (159)	67%	SPK: 20

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:	SW8081		% Solid:	94.4	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092342.D	1	10/11/24 09:00	10/11/24 15:52	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **P4385**

Client: **Scheideler Excavating Co. Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL091953.D	PIBLK-PL091953.D	Decachlorobiphenyl	1	20	19.6	98		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.0	95		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	18.7	94		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.3	92		30 (77)	150 (126)
I.BLK-PL092329.D	PIBLK-PL092329.D	Decachlorobiphenyl	1	20	23.8	119		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.3	107		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.1	110		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.6	103		30 (77)	150 (126)
PB164067BL	PB164067BL	Decachlorobiphenyl	1	20	19.6	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.0	95		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.6	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	18.1	90		30 (10)	150 (159)
PB164067BS	PB164067BS	Decachlorobiphenyl	1	20	22.0	110		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.7	103		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	21.3	106		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.9	100		30 (10)	150 (159)
P4385-02	SP-1	Decachlorobiphenyl	1	20	12.6	63		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	13.2	66		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	11.8	59		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	12.9	64		30 (10)	150 (159)
P4385-04	SP-2	Decachlorobiphenyl	1	20	19.7	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.0	90		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.1	101		30 (10)	150 (159)
P4385-04MS	SP-2MS	Decachlorobiphenyl	1	20	16.9	85		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	16.4	82		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.7	78		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	16.3	81		30 (10)	150 (159)
P4385-04MSD	SP-2MSD	Decachlorobiphenyl	1	20	16.8	84		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	16.6	83		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.6	78		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	15.9	79		30 (10)	150 (159)
P4385-08	SP-4	Decachlorobiphenyl	1	20	21.3	106		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.9	104		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	20.0	100		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (10)	150 (159)
P4385-10	SP-5	Decachlorobiphenyl	1	20	13.3	67		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	12.6	63		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	12.8	64		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	12.1	60		30 (10)	150 (159)
P4385-14	SP-7	Decachlorobiphenyl	1	20	14.2	71		30 (10)	150 (148)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P4385**

Client: **Scheideler Excavating Co. Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
P4385-14	SP-7	Tetrachloro-m-xylene	1	20	14.0	70		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	13.3	66		30 (10)	150 (148)
P4385-16	SP-8	Tetrachloro-m-xylene	2	20	13.1	65		30 (10)	150 (159)
		Decachlorobiphenyl	1	20	13.7	69		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	13.3	66		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	12.2	61		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	12.5	62		30 (10)	150 (159)
		Decachlorobiphenyl	1	20	14.2	71		30 (10)	150 (148)
P4385-20	SP-10	Tetrachloro-m-xylene	1	20	13.4	67		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	12.8	64		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	13.1	66		30 (10)	150 (159)
		Decachlorobiphenyl	1	20	19.1	95		30 (10)	150 (148)
P4385-06	SP-3	Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.3	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.5	97		30 (10)	150 (159)
		Decachlorobiphenyl	1	20	19.5	97		30 (10)	150 (148)
P4385-18	SP-9	Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.3	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.7	99		30 (10)	150 (159)
		Decachlorobiphenyl	1	20	18.7	93		30 (10)	150 (148)
P4385-12	SP-6	Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	16.4	82		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.5	98		30 (10)	150 (159)
		Decachlorobiphenyl	1	20	21.1	105		30 (43)	150 (140)
I.BLK-PL092346.D	PIBLK-PL092346.D	Tetrachloro-m-xylene	1	20	21.4	107		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.7	99		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.2	106		30 (77)	150 (126)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8081B

DataFile : PL092336.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: P4385-04MS	SP-2MS											
	alpha-BHC	17.5	0	15.6	ug/kg	89				30 (60)	150 (144)	
	beta-BHC	17.5	0	16.0	ug/kg	91				30 (54)	150 (143)	
	delta-BHC	17.5	0	14.7	ug/kg	84				30 (47)	150 (144)	
	gamma-BHC (Lindane)	17.5	0	15.2	ug/kg	87				30 (61)	150 (140)	
	Heptachlor	17.5	0	16.0	ug/kg	91				30 (63)	150 (135)	
	Aldrin	17.5	0	15.3	ug/kg	87				30 (49)	150 (139)	
	Heptachlor epoxide	17.5	0	15.5	ug/kg	89				30 (32)	150 (180)	
	Endosulfan I	17.5	0	15.6	ug/kg	89				30 (56)	150 (142)	
	Dieldrin	17.5	0.94	16.7	ug/kg	90				30 (47)	150 (161)	
	4,4'-DDE	17.5	30.6	43.0	ug/kg	71				30 (55)	150 (136)	
	Endrin	17.5	0	16.9	ug/kg	97				30 (57)	150 (139)	
	Endosulfan II	17.5	0	16.0	ug/kg	91				30 (40)	150 (163)	
	4,4'-DDD	17.5	4	19.2	ug/kg	87				30 (37)	150 (192)	
	Endosulfan sulfate	17.5	0	16.1	ug/kg	92				30 (62)	150 (139)	
	4,4'-DDT	17.5	26	39.9	ug/kg	79				30 (51)	150 (146)	
	Methoxychlor	17.5	0	16.3	ug/kg	93				30 (54)	150 (136)	
	Endrin ketone	17.5	0	21.2	ug/kg	121				30 (60)	150 (129)	
	Endrin aldehyde	17.5	0	16.3	ug/kg	93				30 (59)	150 (132)	
	alpha-Chlordane	17.5	0	15.9	ug/kg	91				30 (30)	150 (192)	
	gamma-Chlordane	17.5	0	16.4	ug/kg	94				30 (44)	150 (175)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8081B

DataFile : PL092337.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: P4385-04MSD	SP-2MSD											
	alpha-BHC	17.51	0	15.5	ug/kg	89		0		30 (60)	150 (144)	30 (20)
	beta-BHC	17.51	0	15.8	ug/kg	90		1		30 (54)	150 (143)	30 (20)
	delta-BHC	17.51	0	14.6	ug/kg	83		1		30 (47)	150 (144)	30 (20)
	gamma-BHC (Lindane)	17.51	0	15.1	ug/kg	86		1		30 (61)	150 (140)	30 (20)
	Heptachlor	17.51	0	15.9	ug/kg	91		0		30 (63)	150 (135)	30 (20)
	Aldrin	17.51	0	15.2	ug/kg	87		0		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	17.51	0	15.5	ug/kg	89		0		30 (32)	150 (180)	30 (20)
	Endosulfan I	17.51	0	15.5	ug/kg	89		0		30 (56)	150 (142)	30 (20)
	Dieldrin	17.51	0.94	16.6	ug/kg	89		1		30 (47)	150 (161)	30 (20)
	4,4'-DDE	17.51	30.6	43.3	ug/kg	73		3		30 (55)	150 (136)	30 (20)
	Endrin	17.51	0	16.8	ug/kg	96		1		30 (57)	150 (139)	30 (20)
	Endosulfan II	17.51	0	16.0	ug/kg	91		0		30 (40)	150 (163)	30 (20)
	4,4'-DDD	17.51	4	18.9	ug/kg	85		2		30 (37)	150 (192)	30 (20)
	Endosulfan sulfate	17.51	0	16.1	ug/kg	92		0		30 (62)	150 (139)	30 (20)
	4,4'-DDT	17.51	26	39.7	ug/kg	78		1		30 (51)	150 (146)	30 (20)
	Methoxychlor	17.51	0	16.2	ug/kg	93		0		30 (54)	150 (136)	30 (20)
	Endrin ketone	17.51	0	22.6	ug/kg	129		6		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	17.51	0	16.2	ug/kg	93		0		30 (59)	150 (132)	30 (20)
	alpha-Chlordane	17.51	0	15.9	ug/kg	91		0		30 (30)	150 (192)	30 (20)
	gamma-Chlordane	17.51	0	16.2	ug/kg	93		1		30 (44)	150 (175)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: **8081B**

Datafile : PL092332.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164067BS	alpha-BHC	16.66	16.8	ug/kg	101				40 (84)	140 (123)	
	beta-BHC	16.66	16.8	ug/kg	101				40 (82)	140 (123)	
	delta-BHC	16.66	16.4	ug/kg	98				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	16.2	ug/kg	97				40 (83)	140 (125)	
	Heptachlor	16.66	16.7	ug/kg	100				40 (83)	140 (122)	
	Aldrin	16.66	16.2	ug/kg	97				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	17.3	ug/kg	104				40 (83)	140 (120)	
	Endosulfan I	16.66	17.2	ug/kg	103				40 (81)	140 (124)	
	Dieldrin	16.66	17.3	ug/kg	104				40 (85)	140 (121)	
	4,4'-DDE	16.66	17.6	ug/kg	106				40 (81)	140 (123)	
	Endrin	16.66	16.3	ug/kg	98				40 (76)	140 (130)	
	Endosulfan II	16.66	17.5	ug/kg	105				40 (80)	140 (125)	
	4,4'-DDD	16.66	18.9	ug/kg	113				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	17.1	ug/kg	103				40 (81)	140 (122)	
	4,4'-DDT	16.66	16.2	ug/kg	97				40 (70)	140 (129)	
	Methoxychlor	16.66	16.3	ug/kg	98				40 (60)	140 (119)	
	Endrin ketone	16.66	17.4	ug/kg	104				40 (77)	140 (132)	
	Endrin aldehyde	16.66	16.6	ug/kg	100				40 (79)	140 (124)	
	alpha-Chlordane	16.66	17.2	ug/kg	103				40 (84)	140 (120)	
	gamma-Chlordane	16.66	17.4	ug/kg	104				40 (83)	140 (122)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164067BL

Lab Name: CHEMTECH

Contract: SCHE03

Lab Code: CHEM Case No.: P4385

SAS No.: P4385 SDG NO.: P4385

Lab Sample ID: PB164067BL

Lab File ID: PL092331.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): 13:24

Time Analyzed (2): 13:24

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column (1): ZB-MR2 ID: 0.32 (mm)

GC Column (2): ZB-MR1 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
PB164067BS	PB164067BS	PL092332.D	10/11/2024	10/11/2024
SP-1	P4385-02	PL092334.D	10/11/2024	10/11/2024
SP-2	P4385-04	PL092335.D	10/11/2024	10/11/2024
SP-2MS	P4385-04MS	PL092336.D	10/11/2024	10/11/2024
SP-2MSD	P4385-04MSD	PL092337.D	10/11/2024	10/11/2024
SP-4	P4385-08	PL092338.D	10/11/2024	10/11/2024
SP-5	P4385-10	PL092339.D	10/11/2024	10/11/2024
SP-7	P4385-14	PL092340.D	10/11/2024	10/11/2024
SP-8	P4385-16	PL092341.D	10/11/2024	10/11/2024
SP-10	P4385-20	PL092342.D	10/11/2024	10/11/2024
SP-3	P4385-06	PL092343.D	10/11/2024	10/11/2024
SP-9	P4385-18	PL092344.D	10/11/2024	10/11/2024
SP-6	P4385-12	PL092345.D	10/11/2024	10/11/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164067BL	SDG No.:	P4385
Lab Sample ID:	PB164067BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092331.D	1	10/11/24 09:00	10/11/24 13:24	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.49	U	0.49	1.70	ug/kg
319-86-8	delta-BHC	0.47	U	0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.6		30 (10) - 150 (148)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		30 (10) - 150 (159)	95%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:		
Project:	Robbinsville		Date Received:		
Client Sample ID:	PB164067BL		SDG No.:	P4385	
Lab Sample ID:	PB164067BL		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092331.D	1	10/11/24 09:00	10/11/24 13:24	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	09/23/24
Project:	Robbinsville	Date Received:	09/23/24
Client Sample ID:	PIBLK-PL091953.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PL091953.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091953.D	1		09/23/24	PL092324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.6		30 (43) - 150 (140)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		30 (77) - 150 (126)	95%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	09/23/24
Project:	Robbinsville	Date Received:	09/23/24
Client Sample ID:	PIBLK-PL091953.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PL091953.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091953.D	1		09/23/24	PL092324

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/11/24
Project:	Robbinsville	Date Received:	10/11/24
Client Sample ID:	PIBLK-PL092329.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PL092329.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092329.D	1		10/11/24	PL101224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.8		30 (43) - 150 (140)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		30 (77) - 150 (126)	107%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/11/24
Project:	Robbinsville	Date Received:	10/11/24
Client Sample ID:	PIBLK-PL092329.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PL092329.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092329.D	1		10/11/24	PL101224

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/11/24	
Project:	Robbinsville		Date Received:	10/11/24	
Client Sample ID:	PIBLK-PL092346.D		SDG No.:	P4385	
Lab Sample ID:	I.BLK-PL092346.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092346.D	1		10/11/24	PL101224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.1		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		30 (77) - 150 (126)	107%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/11/24	
Project:	Robbinsville		Date Received:	10/11/24	
Client Sample ID:	PIBLK-PL092346.D		SDG No.:	P4385	
Lab Sample ID:	I.BLK-PL092346.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092346.D	1		10/11/24	PL101224

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

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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.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:		
Project:	Robbinsville		Date Received:		
Client Sample ID:	PB164067BS		SDG No.:	P4385	
Lab Sample ID:	PB164067BS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092332.D	1	10/11/24 09:00	10/11/24 13:37	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.8		0.18	1.70	ug/kg
319-85-7	beta-BHC	16.8		0.49	1.70	ug/kg
319-86-8	delta-BHC	16.4		0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.2		0.19	1.70	ug/kg
76-44-8	Heptachlor	16.7		0.17	1.70	ug/kg
309-00-2	Aldrin	16.2		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	17.3		0.23	1.70	ug/kg
959-98-8	Endosulfan I	17.2		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.3		0.15	1.70	ug/kg
72-55-9	4,4-DDE	17.6		0.13	1.70	ug/kg
72-20-8	Endrin	16.3		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	17.5		0.30	1.70	ug/kg
72-54-8	4,4-DDD	18.9		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	17.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	16.2		0.17	1.70	ug/kg
72-43-5	Methoxychlor	16.3		0.38	1.70	ug/kg
53494-70-5	Endrin ketone	17.4		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	16.6		0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.2		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.4		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		30 (10) - 150 (148)	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (10) - 150 (159)	103%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:		
Project:	Robbinsville		Date Received:		
Client Sample ID:	PB164067BS		SDG No.:	P4385	
Lab Sample ID:	PB164067BS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092332.D	1	10/11/24 09:00	10/11/24 13:37	PB164067

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

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2MS	SDG No.:	P4385
Lab Sample ID:	P4385-04MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092336.D	1	10/11/24 09:00	10/11/24 14:31	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.6		0.19	1.80	ug/kg
319-85-7	beta-BHC	16.0		0.51	1.80	ug/kg
319-86-8	delta-BHC	14.7		0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	15.2		0.20	1.80	ug/kg
76-44-8	Heptachlor	16.0		0.18	1.80	ug/kg
309-00-2	Aldrin	15.3		0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	15.5		0.24	1.80	ug/kg
959-98-8	Endosulfan I	15.6		0.18	1.80	ug/kg
60-57-1	Dieldrin	16.7		0.16	1.80	ug/kg
72-55-9	4,4-DDE	43.0	E	0.14	1.80	ug/kg
72-20-8	Endrin	16.9		0.17	1.80	ug/kg
33213-65-9	Endosulfan II	16.0		0.32	1.80	ug/kg
72-54-8	4,4-DDD	19.2		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.14	1.80	ug/kg
50-29-3	4,4-DDT	39.9	E	0.18	1.80	ug/kg
72-43-5	Methoxychlor	16.3		0.40	1.80	ug/kg
53494-70-5	Endrin ketone	21.2	P	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	16.3		0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	15.9		0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	16.4		0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.9		30 (10) - 150 (148)	85%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.4		30 (10) - 150 (159)	82%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-2MS		SDG No.:	P4385	
Lab Sample ID:	P4385-04MS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092336.D	1	10/11/24 09:00	10/11/24 14:31	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2MSD	SDG No.:	P4385
Lab Sample ID:	P4385-04MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092337.D	1	10/11/24 09:00	10/11/24 14:44	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.5		0.19	1.80	ug/kg
319-85-7	beta-BHC	15.8		0.51	1.80	ug/kg
319-86-8	delta-BHC	14.6		0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	15.1		0.20	1.80	ug/kg
76-44-8	Heptachlor	15.9		0.18	1.80	ug/kg
309-00-2	Aldrin	15.2		0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	15.5		0.24	1.80	ug/kg
959-98-8	Endosulfan I	15.5		0.18	1.80	ug/kg
60-57-1	Dieldrin	16.6		0.16	1.80	ug/kg
72-55-9	4,4-DDE	43.3	E	0.14	1.80	ug/kg
72-20-8	Endrin	16.8		0.17	1.80	ug/kg
33213-65-9	Endosulfan II	16.0		0.32	1.80	ug/kg
72-54-8	4,4-DDD	18.9		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.14	1.80	ug/kg
50-29-3	4,4-DDT	39.7	E	0.18	1.80	ug/kg
72-43-5	Methoxychlor	16.2		0.40	1.80	ug/kg
53494-70-5	Endrin ketone	22.6	P	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	16.2		0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	15.9		0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	16.2		0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.8		30 (10) - 150 (148)	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.6		30 (10) - 150 (159)	83%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-2MSD		SDG No.:	P4385	
Lab Sample ID:	P4385-04MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092337.D	1	10/11/24 09:00	10/11/24 14:44	PB164067

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H

GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]

A
B
C
D
E
F
G
H

GC Column: ZB-MR1 ID: 0.32 (mm)

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SCHE03

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

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024
Calibration Times: 11:32 12:26

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL091956.D</u>		CF 075 = <u>PL091957.D</u>			
CF 050 = <u>PL091958.D</u>		CF 025 = <u>PL091959.D</u>		CF 005 = <u>PL091960.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1653520000	1647210000	1678500000	1744800000	2254540000	1795720000	14
4,4'-DDE	2066570000	2045910000	2071830000	2104470000	2533330000	2164420000	10
4,4'-DDT	1733900000	1735380000	1754170000	1804510000	2178050000	1841200000	10
Aldrin	2641050000	2607180000	2641830000	2690200000	3307680000	2777590000	11
alpha-BHC	3076620000	3010330000	2985720000	2963000000	3446930000	3096520000	6
alpha-Chlordane	2305920000	2301860000	2353960000	2423920000	2931020000	2463340000	11
beta-BHC	1233660000	1235340000	1269540000	1303030000	1590300000	1326380000	11
Decachlorobiphenyl	1514180000	1546290000	1590790000	1642930000	1896960000	1638230000	9
delta-BHC	2841210000	2757590000	2778760000	2797400000	3246070000	2884210000	7
Dieldrin	2300240000	2292130000	2329590000	2380410000	2891930000	2438860000	10
Endosulfan I	2149020000	2152500000	2207300000	2283480000	2774700000	2313400000	11
Endosulfan II	1992660000	2006240000	2063200000	2160930000	2775610000	2199730000	15
Endosulfan sulfate	1820440000	1836620000	1889410000	1967750000	2397160000	1982280000	12
Endrin	1940880000	1934170000	1971650000	2016300000	2440480000	2060700000	10
Endrin aldehyde	1583540000	1604430000	1647320000	1720460000	2158080000	1742760000	14
Endrin ketone	2055570000	2058040000	2104700000	2152580000	2616930000	2197560000	11
gamma-BHC (Lindane)	2990410000	2948600000	2949110000	2954630000	3651280000	3098800000	10
gamma-Chlordane	2323480000	2305690000	2357460000	2423400000	2945970000	2471200000	11
Heptachlor	2590450000	2581810000	2624270000	2731930000	3298830000	2765460000	11
Heptachlor epoxide	2355250000	2419410000	2410600000	2493740000	3045980000	2544990000	11
Methoxychlor	913738000	926950000	954169000	973623000	1140080000	981712000	9
Tetrachloro-m-xylene	2128490000	2125270000	2145440000	2197480000	2526630000	2224660000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SCHE03

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

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024
Calibration Times: 11:32 12:26

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:				CF 100 =	<u>PL091956.D</u>	CF 075 =	<u>PL091957.D</u>
CF 050 =		<u>PL091958.D</u>	CF 025 =		<u>PL091959.D</u>	CF 005 =	<u>PL091960.D</u>
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2268160000	2177660000	2139850000	1992930000	2102490000	2136220000	5
4,4'-DDE	2937140000	2821610000	2796600000	2614820000	2724050000	2778840000	4
4,4'-DDT	2455710000	2371160000	2329540000	2184000000	2225420000	2313160000	5
Aldrin	3593290000	3455480000	3419630000	3175270000	3361830000	3401100000	4
alpha-BHC	3937530000	3786440000	3690070000	3414870000	3387720000	3643320000	7
alpha-Chlordane	3085390000	2983970000	2990310000	2841400000	3066630000	2993540000	3
beta-BHC	1482940000	1448440000	1465850000	1419920000	1698340000	1503100000	7
Decachlorobiphenyl	2374340000	2399600000	2428470000	2478660000	2828640000	2501940000	7
delta-BHC	3726380000	3579670000	3509320000	3229840000	3313260000	3471690000	6
Dieldrin	3085830000	2978040000	2947180000	2759020000	2889140000	2931840000	4
Endosulfan I	2816250000	2735830000	2741360000	2613670000	2816080000	2744640000	3
Endosulfan II	2561230000	2497720000	2506550000	2398770000	2547770000	2502410000	3
Endosulfan sulfate	2442810000	2382500000	2402520000	2314600000	2520170000	2412520000	3
Endrin	2724440000	2642180000	2624570000	2477520000	2642190000	2622180000	3
Endrin aldehyde	2035320000	2004480000	2019970000	1971180000	2172650000	2040720000	4
Endrin ketone	2811580000	2766230000	2778840000	2679690000	2808370000	2768950000	2
gamma-BHC (Lindane)	3775710000	3629090000	3577820000	3312530000	3359720000	3530980000	5
gamma-Chlordane	3135810000	3020590000	3008060000	2840920000	3037500000	3008580000	4
Heptachlor	3553790000	3434350000	3431490000	3238430000	3595010000	3450610000	4
Heptachlor epoxide	3090900000	2996730000	3012410000	2873000000	3141390000	3022890000	3
Methoxychlor	1228030000	1222750000	1234080000	1223180000	1343690000	1250350000	4
Tetrachloro-m-xylene	2544530000	2497760000	2476670000	2384990000	2636430000	2508080000	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SCHE03

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

Instrument ID: ECD_L Date(s) Analyzed: 09/23/2024 09/23/2024

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.24	6.14	6.34	22665300
		2	6.45	6.35	6.55	13922000
		3	7.06	6.96	7.16	70960500
		4	7.15	7.05	7.25	53851200
		5	7.94	7.84	8.04	39727000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SCHE03

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

Instrument ID: ECD_L Date(s) Analyzed: 09/23/2024 09/23/2024

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.01	4.91	5.11	18093600
		2	5.34	5.24	5.44	17271700
		3	6.61	6.51	6.71	63995900
		4	6.74	6.64	6.84	88666300
		5	7.05	6.95	7.15	60349700

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): 09/23/2024 09/23/2024

Continuing Calib Time: 11:54 Initial Calibration Time(s): 11:32 12:26

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.78	4.68	4.88	0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.69	5.59	5.79	0.01
Endosulfan I	6.07	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.19	6.20	6.10	6.30	0.01
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.80	6.80	6.70	6.90	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.03	7.03	6.93	7.13	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.65	7.65	7.55	7.75	0.00
Endrin aldehyde	6.93	6.93	6.83	7.03	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.95	5.85	6.05	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: SCH03

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

Continuing Calib Date: 10/11/2024 Initial Calibration Date(s): 09/23/2024 09/23/2024

Continuing Calib Time: 11:54 Initial Calibration Time(s): 11:32 12:26

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.29	3.19	3.39	0.01
beta-BHC	3.91	3.92	3.82	4.02	0.01
delta-BHC	4.14	4.15	4.05	4.25	0.01
gamma-BHC (Lindane)	3.61	3.62	3.52	3.72	0.01
Heptachlor	3.95	3.96	3.86	4.06	0.01
Aldrin	4.23	4.24	4.14	4.34	0.01
Heptachlor epoxide	4.73	4.74	4.64	4.84	0.01
Endosulfan I	5.10	5.11	5.01	5.21	0.01
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.65	5.55	5.75	0.01
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.80	5.70	5.90	0.01
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.05	5.95	6.15	0.01
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.84	6.85	6.75	6.95	0.01
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.99	4.89	5.09	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

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

Lab Sample No.: PSTDCCC050 Data File : PL092330.D Time Analyzed: 11:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.710	6.614	6.814	53.460	50.000	6.9
4,4'-DDE	6.194	6.097	6.297	52.750	50.000	5.5
4,4'-DDT	7.026	6.928	7.128	52.610	50.000	5.2
Aldrin	5.259	5.163	5.363	51.260	50.000	2.5
alpha-BHC	3.996	3.899	4.099	52.740	50.000	5.5
alpha-Chlordane	6.019	5.924	6.124	51.550	50.000	3.1
beta-BHC	4.525	4.429	4.629	51.990	50.000	4.0
Decachlorobiphenyl	9.059	8.960	9.160	55.090	50.000	10.2
delta-BHC	4.773	4.677	4.877	52.840	50.000	5.7
Dieldrin	6.346	6.249	6.449	51.740	50.000	3.5
Endosulfan I	6.071	5.975	6.175	54.100	50.000	8.2
Endosulfan II	6.796	6.698	6.898	50.260	50.000	0.5
Endosulfan sulfate	7.161	7.063	7.263	51.970	50.000	3.9
Endrin	6.576	6.479	6.679	51.260	50.000	2.5
Endrin aldehyde	6.926	6.828	7.028	51.670	50.000	3.3
Endrin ketone	7.646	7.548	7.748	52.510	50.000	5.0
gamma-BHC (Lindane)	4.328	4.232	4.432	51.140	50.000	2.3
gamma-Chlordane	5.940	5.845	6.045	51.870	50.000	3.7
Heptachlor	4.917	4.820	5.020	52.270	50.000	4.5
Heptachlor epoxide	5.684	5.589	5.789	53.130	50.000	6.3
Methoxychlor	7.502	7.404	7.604	54.430	50.000	8.9
Tetrachloro-m-xylene	3.540	3.444	3.644	52.510	50.000	5.0

CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

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

Lab Sample No.: PSTDCCC050 Data File : PL092330.D Time Analyzed: 11:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.791	5.696	5.896	58.370	50.000	16.7
4,4'-DDE	5.234	5.141	5.341	56.900	50.000	13.8
4,4'-DDT	6.041	5.946	6.146	54.730	50.000	9.5
Aldrin	4.229	4.135	4.335	54.360	50.000	8.7
alpha-BHC	3.281	3.186	3.386	54.900	50.000	9.8
alpha-Chlordane	5.046	4.952	5.152	54.300	50.000	8.6
beta-BHC	3.910	3.815	4.015	53.590	50.000	7.2
Decachlorobiphenyl	7.919	7.823	8.023	53.150	50.000	6.3
delta-BHC	4.138	4.045	4.245	55.480	50.000	11.0
Dieldrin	5.367	5.272	5.472	55.180	50.000	10.4
Endosulfan I	5.102	5.008	5.208	48.570	50.000	-2.9
Endosulfan II	5.938	5.842	6.042	55.090	50.000	10.2
Endosulfan sulfate	6.340	6.244	6.444	54.710	50.000	9.4
Endrin	5.642	5.548	5.748	54.170	50.000	8.3
Endrin aldehyde	6.117	6.022	6.222	54.520	50.000	9.0
Endrin ketone	6.844	6.750	6.950	56.540	50.000	13.1
gamma-BHC (Lindane)	3.611	3.516	3.716	54.380	50.000	8.8
gamma-Chlordane	4.982	4.888	5.088	54.910	50.000	9.8
Heptachlor	3.950	3.855	4.055	53.910	50.000	7.8
Heptachlor epoxide	4.732	4.638	4.838	53.980	50.000	8.0
Methoxychlor	6.616	6.521	6.721	54.680	50.000	9.4
Tetrachloro-m-xylene	2.778	2.682	2.882	53.400	50.000	6.8

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): 09/23/2024 09/23/2024

Continuing Calib Time: 17:48 Initial Calibration Time(s): 11:32 12:26

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.78	4.78	4.68	4.88	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.08	6.08	5.98	6.18	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.80	6.80	6.70	6.90	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.03	7.03	6.93	7.13	0.00
Methoxychlor	7.51	7.50	7.40	7.60	-0.01
Endrin ketone	7.65	7.65	7.55	7.75	0.00
Endrin aldehyde	6.93	6.93	6.83	7.03	0.00
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: SCH03

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

Continuing Calib Date: 10/11/2024 Initial Calibration Date(s): 09/23/2024 09/23/2024

Continuing Calib Time: 17:48 Initial Calibration Time(s): 11:32 12:26

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.29	3.19	3.39	0.01
beta-BHC	3.91	3.92	3.82	4.02	0.01
delta-BHC	4.14	4.15	4.05	4.25	0.01
gamma-BHC (Lindane)	3.61	3.62	3.52	3.72	0.01
Heptachlor	3.95	3.96	3.86	4.06	0.01
Aldrin	4.23	4.24	4.14	4.34	0.01
Heptachlor epoxide	4.74	4.74	4.64	4.84	0.00
Endosulfan I	5.10	5.11	5.01	5.21	0.01
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.24	5.24	5.14	5.34	0.00
Endrin	5.65	5.65	5.55	5.75	0.01
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.80	5.70	5.90	0.01
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.05	5.95	6.15	0.01
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.85	6.85	6.75	6.95	0.00
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.99	4.89	5.09	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

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

Lab Sample No.: PSTDCCC050 Data File : PL092347.D Time Analyzed: 17:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.714	6.614	6.814	50.090	50.000	0.2
4,4'-DDE	6.198	6.097	6.297	49.040	50.000	-1.9
4,4'-DDT	7.029	6.928	7.128	46.250	50.000	-7.5
Aldrin	5.263	5.163	5.363	48.640	50.000	-2.7
alpha-BHC	4.000	3.899	4.099	50.680	50.000	1.4
alpha-Chlordane	6.025	5.924	6.124	48.780	50.000	-2.4
beta-BHC	4.530	4.429	4.629	49.240	50.000	-1.5
Decachlorobiphenyl	9.062	8.960	9.160	48.480	50.000	-3.0
delta-BHC	4.777	4.677	4.877	50.290	50.000	0.6
Dieldrin	6.351	6.249	6.449	47.990	50.000	-4.0
Endosulfan I	6.076	5.975	6.175	48.510	50.000	-3.0
Endosulfan II	6.800	6.698	6.898	45.520	50.000	-9.0
Endosulfan sulfate	7.164	7.063	7.263	47.180	50.000	-5.6
Endrin	6.579	6.479	6.679	46.970	50.000	-6.1
Endrin aldehyde	6.931	6.828	7.028	46.650	50.000	-6.7
Endrin ketone	7.649	7.548	7.748	47.620	50.000	-4.8
gamma-BHC (Lindane)	4.332	4.232	4.432	48.830	50.000	-2.3
gamma-Chlordane	5.945	5.845	6.045	47.960	50.000	-4.1
Heptachlor	4.922	4.820	5.020	49.860	50.000	-0.3
Heptachlor epoxide	5.690	5.589	5.789	49.360	50.000	-1.3
Methoxychlor	7.505	7.404	7.604	48.210	50.000	-3.6
Tetrachloro-m-xylene	3.544	3.444	3.644	50.410	50.000	0.8

CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

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

Lab Sample No.: PSTDCCC050 Data File : PL092347.D Time Analyzed: 17:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.793	5.696	5.896	56.110	50.000	12.2
4,4'-DDE	5.236	5.141	5.341	52.770	50.000	5.5
4,4'-DDT	6.044	5.946	6.146	47.860	50.000	-4.3
Aldrin	4.230	4.135	4.335	51.730	50.000	3.5
alpha-BHC	3.282	3.186	3.386	52.640	50.000	5.3
alpha-Chlordane	5.048	4.952	5.152	50.970	50.000	1.9
beta-BHC	3.911	3.815	4.015	50.680	50.000	1.4
Decachlorobiphenyl	7.921	7.823	8.023	45.400	50.000	-9.2
delta-BHC	4.141	4.045	4.245	53.940	50.000	7.9
Dieldrin	5.369	5.272	5.472	50.980	50.000	2.0
Endosulfan I	5.104	5.008	5.208	50.400	50.000	0.8
Endosulfan II	5.940	5.842	6.042	50.720	50.000	1.4
Endosulfan sulfate	6.342	6.244	6.444	49.690	50.000	-0.6
Endrin	5.645	5.548	5.748	50.020	50.000	0.0
Endrin aldehyde	6.119	6.022	6.222	49.550	50.000	-0.9
Endrin ketone	6.848	6.750	6.950	49.250	50.000	-1.5
gamma-BHC (Lindane)	3.612	3.516	3.716	51.940	50.000	3.9
gamma-Chlordane	4.984	4.888	5.088	51.480	50.000	3.0
Heptachlor	3.951	3.855	4.055	50.810	50.000	1.6
Heptachlor epoxide	4.735	4.638	4.838	51.060	50.000	2.1
Methoxychlor	6.618	6.521	6.721	47.490	50.000	-5.0
Tetrachloro-m-xylene	2.779	2.682	2.882	52.200	50.000	4.4

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D Date Analyzed: 09/23/2024

Lab Sample No.(PEM): PEM Time Analyzed: 11:05

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.061	8.960	9.160	19.830	20.000	-0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	20.070	20.000	0.4
alpha-BHC	3.999	3.950	4.050	10.180	10.000	1.8
beta-BHC	4.529	4.480	4.580	10.750	10.000	7.5
gamma-BHC (Lindane)	4.332	4.280	4.380	10.100	10.000	1.0
Endrin	6.579	6.510	6.650	43.290	50.000	-13.4
4,4'-DDT	7.028	6.960	7.100	90.240	100.000	-9.8
Methoxychlor	7.504	7.430	7.570	212.390	250.000	-15.0

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D Date Analyzed: 09/23/2024

Lab Sample No.(PEM): PEM Time Analyzed: 11:05

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.923	7.820	8.020	19.350	20.000	-3.3
Tetrachloro-m-xylene	2.782	2.730	2.830	19.290	20.000	-3.6
alpha-BHC	3.285	3.230	3.340	9.220	10.000	-7.8
beta-BHC	3.915	3.860	3.970	10.540	10.000	5.4
gamma-BHC (Lindane)	3.616	3.570	3.670	8.880	10.000	-11.2
Endrin	5.648	5.580	5.720	46.450	50.000	-7.1
4,4'-DDT	6.047	5.980	6.120	104.950	100.000	5.0
Methoxychlor	6.621	6.550	6.690	232.550	250.000	-7.0

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: SCH03

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL092320.D Date Analyzed: 10/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:56

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.059	8.960	9.160	22.700	20.000	13.5
Tetrachloro-m-xylene	3.540	3.490	3.590	22.460	20.000	12.3
alpha-BHC	3.995	3.940	4.050	11.450	10.000	14.5
beta-BHC	4.525	4.470	4.580	11.980	10.000	19.8
gamma-BHC (Lindane)	4.328	4.280	4.380	10.840	10.000	8.4
Endrin	6.575	6.500	6.650	45.920	50.000	-8.2
4,4'-DDT	7.025	6.950	7.100	96.120	100.000	-3.9
Methoxychlor	7.503	7.430	7.570	231.460	250.000	-7.4

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL092320.D Date Analyzed: 10/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:56

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.919	7.820	8.020	20.990	20.000	5.0
Tetrachloro-m-xylene	2.778	2.730	2.830	21.410	20.000	7.1
alpha-BHC	3.281	3.230	3.330	10.130	10.000	1.3
beta-BHC	3.911	3.860	3.960	11.680	10.000	16.8
gamma-BHC (Lindane)	3.611	3.560	3.660	9.770	10.000	-2.3
Endrin	5.643	5.570	5.710	48.200	50.000	-3.6
4,4'-DDT	6.042	5.970	6.110	108.430	100.000	8.4
Methoxychlor	6.617	6.550	6.690	243.010	250.000	-2.8

Analytical Sequence

Client: Scheideler Excavating Co. Inc.	SDG No.: P4385
Project: Robbinsville	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/23/2024 09/23/2024

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	DCB RT #	TCX RT #
IBLK	IBLK	09/23/2024	10:52	PL091953.D	9.06	3.54
PEM	PEM	09/23/2024	11:05	PL091954.D	9.06	3.54
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	9.06	3.54
PSTDICCC100	PSTDICCC100	09/23/2024	11:32	PL091956.D	9.06	3.54
PSTDICCC075	PSTDICCC075	09/23/2024	11:45	PL091957.D	9.06	3.54
PSTDICCC050	PSTDICCC050	09/23/2024	11:59	PL091958.D	9.06	3.54
PSTDICCC025	PSTDICCC025	09/23/2024	12:12	PL091959.D	9.06	3.54
PSTDICCC005	PSTDICCC005	09/23/2024	12:26	PL091960.D	9.06	3.54
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	9.06	3.54
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	9.06	3.54
PEM	PEM	10/11/2024	08:56	PL092320.D	9.06	3.54
IBLK	IBLK	10/11/2024	11:40	PL092329.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/11/2024	11:54	PL092330.D	9.06	3.54
PB164067BL	PB164067BL	10/11/2024	13:24	PL092331.D	9.07	3.55
PB164067BS	PB164067BS	10/11/2024	13:37	PL092332.D	9.06	3.54
SP-1	P4385-02	10/11/2024	14:04	PL092334.D	9.06	3.54
SP-2	P4385-04	10/11/2024	14:17	PL092335.D	9.06	3.54
SP-2MS	P4385-04MS	10/11/2024	14:31	PL092336.D	9.06	3.54
SP-2MSD	P4385-04MSD	10/11/2024	14:44	PL092337.D	9.06	3.54
SP-4	P4385-08	10/11/2024	14:58	PL092338.D	9.06	3.54
SP-5	P4385-10	10/11/2024	15:11	PL092339.D	9.06	3.54
SP-7	P4385-14	10/11/2024	15:25	PL092340.D	9.06	3.54
SP-8	P4385-16	10/11/2024	15:38	PL092341.D	9.06	3.54
SP-10	P4385-20	10/11/2024	15:52	PL092342.D	9.06	3.54
SP-3	P4385-06	10/11/2024	16:32	PL092343.D	9.06	3.54
SP-9	P4385-18	10/11/2024	16:59	PL092344.D	9.06	3.54
SP-6	P4385-12	10/11/2024	17:18	PL092345.D	9.06	3.55
IBLK	IBLK	10/11/2024	17:31	PL092346.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/11/2024	17:48	PL092347.D	9.06	3.54

Analytical Sequence

Client: Scheideler Excavating Co. Inc.	SDG No.: P4385
Project: Robbinsville	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 09/23/2024 09/23/2024

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	DCB RT #	TCX RT #
IBLK	IBLK	09/23/2024	10:52	PL091953.D	7.92	2.78
PEM	PEM	09/23/2024	11:05	PL091954.D	7.92	2.78
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	7.92	2.78
PSTDICC100	PSTDICC100	09/23/2024	11:32	PL091956.D	7.92	2.78
PSTDICC075	PSTDICC075	09/23/2024	11:45	PL091957.D	7.92	2.78
PSTDICC050	PSTDICC050	09/23/2024	11:59	PL091958.D	7.92	2.78
PSTDICC025	PSTDICC025	09/23/2024	12:12	PL091959.D	7.92	2.78
PSTDICC005	PSTDICC005	09/23/2024	12:26	PL091960.D	7.92	2.78
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	7.92	2.78
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	7.92	2.78
PEM	PEM	10/11/2024	08:56	PL092320.D	7.92	2.78
IBLK	IBLK	10/11/2024	11:40	PL092329.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/11/2024	11:54	PL092330.D	7.92	2.78
PB164067BL	PB164067BL	10/11/2024	13:24	PL092331.D	7.92	2.78
PB164067BS	PB164067BS	10/11/2024	13:37	PL092332.D	7.92	2.78
SP-1	P4385-02	10/11/2024	14:04	PL092334.D	7.92	2.78
SP-2	P4385-04	10/11/2024	14:17	PL092335.D	7.92	2.78
SP-2MS	P4385-04MS	10/11/2024	14:31	PL092336.D	7.92	2.78
SP-2MSD	P4385-04MSD	10/11/2024	14:44	PL092337.D	7.92	2.78
SP-4	P4385-08	10/11/2024	14:58	PL092338.D	7.92	2.78
SP-5	P4385-10	10/11/2024	15:11	PL092339.D	7.92	2.78
SP-7	P4385-14	10/11/2024	15:25	PL092340.D	7.92	2.78
SP-8	P4385-16	10/11/2024	15:38	PL092341.D	7.92	2.78
SP-10	P4385-20	10/11/2024	15:52	PL092342.D	7.92	2.78
SP-3	P4385-06	10/11/2024	16:32	PL092343.D	7.92	2.78
SP-9	P4385-18	10/11/2024	16:59	PL092344.D	7.92	2.78
SP-6	P4385-12	10/11/2024	17:18	PL092345.D	7.92	2.78
IBLK	IBLK	10/11/2024	17:31	PL092346.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/11/2024	17:48	PL092347.D	7.92	2.78

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164067BS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: PB164067BS

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	15.7	10.8
	2	5.94	5.89	5.99	17.5	
4,4'-DDD	1	6.71	6.66	6.76	17.3	8.8
	2	5.79	5.74	5.84	18.9	
4,4'-DDT	1	7.03	6.98	7.08	16.2	0
	2	6.04	5.99	6.09	16.2	
Endrin aldehyde	1	6.93	6.88	6.98	15.8	4.9
	2	6.12	6.07	6.17	16.6	
Endosulfan sulfate	1	7.16	7.11	7.21	16.3	4.8
	2	6.34	6.29	6.39	17.1	
Methoxychlor	1	7.50	7.45	7.55	16.3	1.9
	2	6.62	6.57	6.67	16.0	
Endrin ketone	1	7.65	7.60	7.70	16.6	4.7
	2	6.85	6.80	6.90	17.4	
alpha-BHC	1	4.00	3.95	4.05	16.2	3.6
	2	3.28	3.23	3.33	16.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.4	5.1
	2	3.61	3.56	3.66	16.2	
Heptachlor	1	4.92	4.87	4.97	16.3	2.4
	2	3.95	3.90	4.00	16.7	
Aldrin	1	5.26	5.21	5.31	15.6	3.8
	2	4.23	4.18	4.28	16.2	
beta-BHC	1	4.53	4.48	4.58	16.3	3
	2	3.91	3.86	3.96	16.8	
delta-BHC	1	4.77	4.72	4.82	15.9	3.1
	2	4.14	4.09	4.19	16.4	
Heptachlor epoxide	1	5.69	5.64	5.74	16.0	7.8
	2	4.73	4.68	4.78	17.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164067BS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: PB164067BS

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	16.1	6.6
	2	5.10	5.05	5.15	17.2	
gamma-Chlordane	1	5.94	5.89	5.99	16.3	6.5
	2	4.98	4.93	5.03	17.4	
alpha-Chlordane	1	6.02	5.97	6.07	16.4	4.8
	2	5.05	5.00	5.10	17.2	
4,4'-DDE	1	6.20	6.15	6.25	16.5	6.5
	2	5.24	5.19	5.29	17.6	
Dieldrin	1	6.35	6.30	6.40	16.1	7.2
	2	5.37	5.32	5.42	17.3	
Endrin	1	6.58	6.53	6.63	15.5	5
	2	5.64	5.59	5.69	16.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-1

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-02

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	1.80	0
	2	5.79	5.74	5.84	1.80	
4,4'-DDT	1	7.03	6.98	7.08	10.7	0.9
	2	6.04	5.99	6.09	10.6	
4,4'-DDE	1	6.19	6.14	6.24	12.4	4
	2	5.24	5.19	5.29	12.9	
Dieldrin	1	6.35	6.30	6.40	0.48	19.7
	2	5.37	5.32	5.42	0.39	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-10

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-20

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.98	13.9
	2	5.79	5.74	5.84	0.85	
4,4'-DDT	1	7.03	6.98	7.08	6.00	10.5
	2	6.04	5.99	6.09	5.40	
gamma-Chlordane	1	5.94	5.89	5.99	0.38	40.4
	2	4.98	4.93	5.03	0.25	
alpha-Chlordane	1	6.02	5.97	6.07	0.72	74.8
	2	5.04	4.99	5.09	0.33	
4,4'-DDE	1	6.19	6.14	6.24	9.80	5.9
	2	5.23	5.18	5.28	10.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	4.00	7.8
	2	5.79	5.74	5.84	3.70	
4,4'-DDT	1	7.03	6.98	7.08	24.4	6.3
	2	6.04	5.99	6.09	26.0	
4,4'-DDE	1	6.19	6.14	6.24	27.3	11.4
	2	5.24	5.19	5.29	30.6	
Dieldrin	1	6.34	6.29	6.39	0.94	3
	2	5.37	5.32	5.42	0.91	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MS

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	15.1	5.8
	2	5.94	5.89	5.99	16.0	
4,4'-DDD	1	6.71	6.66	6.76	19.2	5.3
	2	5.79	5.74	5.84	18.2	
4,4'-DDT	1	7.03	6.98	7.08	37.0	7.5
	2	6.04	5.99	6.09	39.9	
Endrin aldehyde	1	6.93	6.88	6.98	14.8	9.6
	2	6.12	6.07	6.17	16.3	
Endosulfan sulfate	1	7.16	7.11	7.21	15.6	3.2
	2	6.34	6.29	6.39	16.1	
Methoxychlor	1	7.50	7.45	7.55	15.5	5
	2	6.62	6.57	6.67	16.3	
Endrin ketone	1	7.65	7.60	7.70	21.2	29.8
	2	6.85	6.80	6.90	15.7	
alpha-BHC	1	4.00	3.95	4.05	15.2	2.6
	2	3.28	3.23	3.33	15.6	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.6	4
	2	3.61	3.56	3.66	15.2	
Heptachlor	1	4.92	4.87	4.97	16.0	0
	2	3.95	3.90	4.00	16.0	
Aldrin	1	5.26	5.21	5.31	14.5	5.4
	2	4.23	4.18	4.28	15.3	
beta-BHC	1	4.53	4.48	4.58	15.6	2.5
	2	3.91	3.86	3.96	16.0	
delta-BHC	1	4.77	4.72	4.82	14.6	0.7
	2	4.14	4.09	4.19	14.7	
Heptachlor epoxide	1	5.69	5.64	5.74	15.5	0
	2	4.73	4.68	4.78	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MS

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	15.6	0.6
	2	5.10	5.05	5.15	15.5	
gamma-Chlordane	1	5.94	5.89	5.99	16.4	1.8
	2	4.98	4.93	5.03	16.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.9	0
	2	5.05	5.00	5.10	15.9	
4,4'-DDE	1	6.19	6.14	6.24	38.6	10.8
	2	5.24	5.19	5.29	43.0	
Dieldrin	1	6.35	6.30	6.40	15.7	6.2
	2	5.37	5.32	5.42	16.7	
Endrin	1	6.58	6.53	6.63	15.2	10.6
	2	5.64	5.59	5.69	16.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MSD

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MSD

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	18.9	3.2
	2	5.79	5.74	5.84	18.3	
4,4'-DDT	1	7.03	6.98	7.08	36.4	8.7
	2	6.04	5.99	6.09	39.7	
Endrin aldehyde	1	6.93	6.88	6.98	14.6	10.4
	2	6.12	6.07	6.17	16.2	
Endosulfan sulfate	1	7.16	7.11	7.21	15.4	4.4
	2	6.34	6.29	6.39	16.1	
Methoxychlor	1	7.50	7.45	7.55	15.6	3.8
	2	6.62	6.57	6.67	16.2	
Endrin ketone	1	7.64	7.59	7.69	22.6	36
	2	6.85	6.80	6.90	15.7	
alpha-BHC	1	4.00	3.95	4.05	14.9	3.9
	2	3.28	3.23	3.33	15.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.5	4.1
	2	3.61	3.56	3.66	15.1	
Heptachlor	1	4.92	4.87	4.97	15.7	1.3
	2	3.95	3.90	4.00	15.9	
Aldrin	1	5.26	5.21	5.31	14.4	5.4
	2	4.23	4.18	4.28	15.2	
beta-BHC	1	4.53	4.48	4.58	15.4	2.6
	2	3.91	3.86	3.96	15.8	
delta-BHC	1	4.77	4.72	4.82	14.4	1.4
	2	4.14	4.09	4.19	14.6	
Heptachlor epoxide	1	5.69	5.64	5.74	15.2	2
	2	4.73	4.68	4.78	15.5	
Endosulfan I	1	6.07	6.02	6.12	15.4	0.6
	2	5.10	5.05	5.15	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MSD

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MSD

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
gamma-Chlordane	1	5.94	5.89	5.99	16.2	0.6
	2	4.98	4.93	5.03	16.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.8	0.6
	2	5.05	5.00	5.10	15.9	
4,4'-DDE	1	6.19	6.14	6.24	38.4	12
	2	5.24	5.19	5.29	43.3	
Dieldrin	1	6.35	6.30	6.40	15.7	5.6
	2	5.37	5.32	5.42	16.6	
Endrin	1	6.57	6.52	6.62	15.0	11.3
	2	5.64	5.59	5.69	16.8	
Endosulfan II	1	6.80	6.75	6.85	15.0	6.5
	2	5.94	5.89	5.99	16.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-3

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-06

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	4.30	4.8
	2	5.79	5.74	5.84	4.10	
4,4'-DDT	1	7.03	6.98	7.08	19.0	3.6
	2	6.04	5.99	6.09	19.7	
4,4'-DDE	1	6.19	6.14	6.24	20.9	9.6
	2	5.24	5.19	5.29	23.0	
Dieldrin	1	6.34	6.29	6.39	0.80	4.5
	2	5.37	5.32	5.42	0.76	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-4

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-08

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.95	29.3
	2	5.79	5.74	5.84	0.71	
4,4'-DDT	1	7.03	6.98	7.08	6.70	6.2
	2	6.04	5.99	6.09	6.30	
4,4'-DDE	1	6.19	6.14	6.24	5.60	0
	2	5.24	5.19	5.29	5.60	
Dieldrin	1	6.35	6.30	6.40	0.26	26.1
	2	5.37	5.32	5.42	0.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-5

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-10

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.73	24.2
	2	5.79	5.74	5.84	0.57	
4,4'-DDT	1	7.03	6.98	7.08	5.40	7.7
	2	6.04	5.99	6.09	5.00	
4,4'-DDE	1	6.19	6.14	6.24	8.10	1.2
	2	5.24	5.19	5.29	8.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-6

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-12

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.72	6.67	6.77	1.90	11.1
	2	5.79	5.74	5.84	1.70	
4,4'-DDT	1	7.03	6.98	7.08	12.7	1.6
	2	6.04	5.99	6.09	12.5	
4,4'-DDE	1	6.20	6.15	6.25	11.9	6.5
	2	5.24	5.19	5.29	12.7	
Dieldrin	1	6.35	6.30	6.40	0.54	6.8
	2	5.37	5.32	5.42	0.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-7

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-14

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	1.20	8.7
	2	5.79	5.74	5.84	1.10	
4,4'-DDT	1	7.02	6.97	7.07	5.10	10.3
	2	6.04	5.99	6.09	4.60	
alpha-Chlordane	1	6.02	5.97	6.07	0.67	101.2
	2	5.04	4.99	5.09	0.22	
4,4'-DDE	1	6.19	6.14	6.24	9.60	4.1
	2	5.24	5.19	5.29	10.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-8

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-16

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.92	16.6
	2	5.79	5.74	5.84	0.78	
4,4'-DDT	1	7.03	6.98	7.08	5.60	11.3
	2	6.04	5.99	6.09	5.00	
alpha-Chlordane	1	6.02	5.97	6.07	0.57	90.1
	2	5.04	4.99	5.09	0.22	
4,4'-DDE	1	6.19	6.14	6.24	9.90	2
	2	5.24	5.19	5.29	10.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-9

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-18

Date(s) Analyzed: 10/11/2024

10/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	5.40	29.8
	2	5.79	5.74	5.84	4.00	
4,4'-DDT	1	7.03	6.98	7.08	13.5	7.7
	2	6.04	5.99	6.09	12.5	
Heptachlor epoxide	1	5.68	5.63	5.73	0.55	36
	2	4.73	4.68	4.78	0.38	
gamma-Chlordane	1	5.94	5.89	5.99	0.87	14.5
	2	4.98	4.93	5.03	0.75	
alpha-Chlordane	1	6.02	5.97	6.07	0.98	72.6
	2	5.05	5.00	5.10	0.46	
4,4'-DDE	1	6.19	6.14	6.24	10.5	34.6
	2	5.23	5.18	5.28	14.9	
Dieldrin	1	6.34	6.29	6.39	1.00	57.3
	2	5.37	5.32	5.42	1.80	