284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q1858	**OrderDate:**	4/22/2025 2:54:00 PM
Client:	Kleinfelder	**Project:**	Henry Lea School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1858-01	**COMP-1**	**SOIL**			**04/21/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
			PESTICIDE Group1	8081B		04/23/25	04/28/25	
Q1858-02	**COMP-2**	**SOIL**			**04/21/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
			PESTICIDE Group1	8081B		04/23/25	04/28/25	
Q1858-03	**COMP-3**	**SOIL**			**04/21/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
			PESTICIDE Group1	8081B		04/23/25	04/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1858 **Order ID:** Q1858

Client: Kleinfelder **Project ID:** Henry Lea School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q1858-01	COMP-1	SOIL	Dieldrin	0.36	J	0.17	2.00	ug/kg
			Total Concentration:	**0.360**				
Client ID : COMP-2								
Q1858-02	COMP-2	SOIL	Dieldrin	0.60	JP	0.17	2.10	ug/kg
			Total Concentration:	**0.600**				
Client ID : COMP-3								
Q1858-03	COMP-3	SOIL	4,4-DDT	1.20	J	0.15	1.90	ug/kg
			Total Concentration:	**1.200**				

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1858
Lab Sample ID:	Q1858-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	83.9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088291.D	1	04/23/25 08:35	04/28/25 10:05	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
60-57-1	Dieldrin	0.36	J	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		20 - 144	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		19 - 148	95%	SPK: 20

Comments:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1858
Lab Sample ID:	Q1858-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	81.3 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088292.D	1	04/23/25 08:35	04/28/25 10:18	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
60-57-1	Dieldrin	0.60	JP	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		20 - 144	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		19 - 148	101%	SPK: 20

Comments:

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1858
Lab Sample ID:	Q1858-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.1 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088295.D	1	04/23/25 08:35	04/28/25 10:59	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.90	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.90	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.90	ug/kg
50-29-3	4,4-DDT	1.20	J	0.15	1.90	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.2		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.8		19 - 148	89%	SPK: 20

Comments:

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QC SUMMARY

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Surrogate Summary

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PD088121.D	PIBLK-PD088121.D	Decachlorobiphenyl	1	20	22.9	115		43	140
		Tetrachloro-m-xylene	1	20	20.1	101		77	126
		Decachlorobiphenyl	2	20	22.7	113		43	140
		Tetrachloro-m-xylene	2	20	20.9	104		77	126
I.BLK-PD088231.D	PIBLK-PD088231.D	Decachlorobiphenyl	1	20	18.4	92		43	140
		Tetrachloro-m-xylene	1	20	19.0	95		77	126
		Decachlorobiphenyl	2	20	17.7	88		43	140
		Tetrachloro-m-xylene	2	20	18.9	94		77	126
PB167709BL	PB167709BL	Decachlorobiphenyl	1	20	18.3	92		20	144
		Tetrachloro-m-xylene	1	20	17.9	89		19	148
		Decachlorobiphenyl	2	20	17.0	85		20	144
		Tetrachloro-m-xylene	2	20	18.5	92		19	148
PB167709BS	PB167709BS	Decachlorobiphenyl	1	20	19.8	99		20	144
		Tetrachloro-m-xylene	1	20	18.8	94		19	148
		Decachlorobiphenyl	2	20	18.8	94		20	144
		Tetrachloro-m-xylene	2	20	19.1	96		19	148
I.BLK-PD088246.D	PIBLK-PD088246.D	Decachlorobiphenyl	1	20	17.9	89		43	140
		Tetrachloro-m-xylene	1	20	18.9	94		77	126
		Decachlorobiphenyl	2	20	17.1	85		43	140
		Tetrachloro-m-xylene	2	20	18.6	93		77	126
I.BLK-PD088288.D	PIBLK-PD088288.D	Decachlorobiphenyl	1	20	18.0	90		43	140
		Tetrachloro-m-xylene	1	20	17.5	88		77	126
		Decachlorobiphenyl	2	20	16.4	82		43	140
		Tetrachloro-m-xylene	2	20	17.2	86		77	126
Q1858-01	COMP-1	Decachlorobiphenyl	1	20	17.4	87		20	144
		Tetrachloro-m-xylene	1	20	19.0	95		19	148
		Decachlorobiphenyl	2	20	15.0	75		20	144
		Tetrachloro-m-xylene	2	20	18.5	92		19	148
Q1858-02	COMP-2	Decachlorobiphenyl	1	20	19.5	98		20	144
		Tetrachloro-m-xylene	1	20	20.3	101		19	148
		Decachlorobiphenyl	2	20	15.0	75		20	144
		Tetrachloro-m-xylene	2	20	19.5	98		19	148
Q1858-02MS	COMP-2MS	Decachlorobiphenyl	1	20	15.0	75		20	144
		Tetrachloro-m-xylene	1	20	16.8	84		19	148
		Decachlorobiphenyl	2	20	13.0	65		20	144
		Tetrachloro-m-xylene	2	20	16.9	85		19	148
Q1858-02MSD	COMP-2MSD	Decachlorobiphenyl	1	20	15.2	76		20	144
		Tetrachloro-m-xylene	1	20	16.8	84		19	148
		Decachlorobiphenyl	2	20	12.6	63		20	144
		Tetrachloro-m-xylene	2	20	17.0	85		19	148
Q1858-03	COMP-3	Decachlorobiphenyl	1	20	15.2	76		20	144

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Surrogate Summary

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1858-03	COMP-3	Tetrachloro-m-xylene	1	20	17.7	89		19	148
		Decachlorobiphenyl	2	20	11.3	56		20	144
		Tetrachloro-m-xylene	2	20	17.8	89		19	148
I.BLK-PD088302.D	PIBLK-PD088302.D	Decachlorobiphenyl	1	20	17.6	88		43	140
		Tetrachloro-m-xylene	1	20	18.1	91		77	126
		Decachlorobiphenyl	2	20	12.7	63		43	140
		Tetrachloro-m-xylene	2	20	17.7	89		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PD088293.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**COMP-2MS**											
Q1858-02MS	Aldrin	20.49	0	18.0	ug/kg	88				49	139	
	Dieldrin	20.49	0.60	18.1	ug/kg	85				47	161	
	4,4'-DDE	20.49	0	16.1	ug/kg	79				55	136	
	4,4'-DDD	20.49	0	17.7	ug/kg	86				47	163	
	4,4'-DDT	20.49	0	16.8	ug/kg	82				51	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PD088294.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**COMP-2MSD**											
Q1858-02MSD	Aldrin	20.48	0	17.9	ug/kg	87		1		49	139	20
	Dieldrin	20.48	0.60	18.0	ug/kg	85		0		47	161	20
	4,4'-DDE	20.48	0	16.2	ug/kg	79		0		55	136	20
	4,4'-DDD	20.48	0	17.4	ug/kg	85		1		47	163	20
	4,4'-DDT	20.48	0	16.5	ug/kg	81		1		51	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B **Datafile :** PD088239.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167709BS	Aldrin	16.66	16.4	ug/kg	98				82	124	
	Dieldrin	16.66	16.6	ug/kg	100				85	121	
	4,4'-DDE	16.66	16.1	ug/kg	97				81	123	
	4,4'-DDD	16.66	16.7	ug/kg	100				80	131	
	4,4'-DDT	16.66	15.3	ug/kg	92				70	129	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167709BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: PB167709BL Lab File ID: PD088238.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 04/23/2025

Date Analyzed (1): 04/23/2025 Date Analyzed (2): 04/23/2025

Time Analyzed (1): 12:45 Time Analyzed (2): 12:45

Instrument ID (1): ECD_D Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 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
PB167709BS	PB167709BS	PD088239.D	04/23/2025	04/23/2025
COMP-1	Q1858-01	PD088291.D	04/28/2025	04/28/2025
COMP-2	Q1858-02	PD088292.D	04/28/2025	04/28/2025
COMP-2MS	Q1858-02MS	PD088293.D	04/28/2025	04/28/2025
COMP-2MSD	Q1858-02MSD	PD088294.D	04/28/2025	04/28/2025
COMP-3	Q1858-03	PD088295.D	04/28/2025	04/28/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Henry Lea School	Date Received:	
Client Sample ID:	PB167709BL	SDG No.:	Q1858
Lab Sample ID:	PB167709BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088238.D	1	04/23/25 08:35	04/23/25 12:45	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.3		20 - 144	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		19 - 148	92%	SPK: 20

Comments:

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Henry Lea School	Date Received:	04/18/25
Client Sample ID:	PIBLK-PD088121.D	SDG No.:	Q1858
Lab Sample ID:	I.BLK-PD088121.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088121.D	1		04/18/25	PD041825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		43 - 140	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		77 - 126	104%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/23/25
Project:	Henry Lea School	Date Received:	04/23/25
Client Sample ID:	PIBLK-PD088231.D	SDG No.:	Q1858
Lab Sample ID:	I.BLK-PD088231.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088231.D	1		04/23/25	pd042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.4		43 - 140	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		77 - 126	95%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/23/25
Project:	Henry Lea School	Date Received:	04/23/25
Client Sample ID:	PIBLK-PD088246.D	SDG No.:	Q1858
Lab Sample ID:	I.BLK-PD088246.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088246.D	1		04/23/25	pd042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.9		43 - 140	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	94%	SPK: 20

Comments:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/28/25
Project:	Henry Lea School	Date Received:	04/28/25
Client Sample ID:	PIBLK-PD088288.D	SDG No.:	Q1858
Lab Sample ID:	I.BLK-PD088288.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088288.D	1		04/28/25	pd042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.0		43 - 140	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		77 - 126	88%	SPK: 20

Comments:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/28/25
Project:	Henry Lea School	Date Received:	04/28/25
Client Sample ID:	PIBLK-PD088302.D	SDG No.:	Q1858
Lab Sample ID:	I.BLK-PD088302.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088302.D	1		04/28/25	pd042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		43 - 140	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		77 - 126	91%	SPK: 20

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
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Henry Lea School	Date Received:	
Client Sample ID:	PB167709BS	SDG No.:	Q1858
Lab Sample ID:	PB167709BS	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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088239.D	1	04/23/25 08:35	04/23/25 12:59	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	16.4		0.12	1.70	ug/kg
60-57-1	Dieldrin	16.6		0.14	1.70	ug/kg
72-55-9	4,4-DDE	16.1		0.14	1.70	ug/kg
72-54-8	4,4-DDD	16.7		0.15	1.70	ug/kg
50-29-3	4,4-DDT	15.3		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.8		20 - 144	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		19 - 148	96%	SPK: 20

Comments:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-2MS	SDG No.:	Q1858
Lab Sample ID:	Q1858-02MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	81.3 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088293.D	1	04/23/25 08:35	04/28/25 10:32	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	18.0		0.15	2.10	ug/kg
60-57-1	Dieldrin	18.1		0.17	2.10	ug/kg
72-55-9	4,4-DDE	16.1		0.17	2.10	ug/kg
72-54-8	4,4-DDD	17.7		0.18	2.10	ug/kg
50-29-3	4,4-DDT	16.8		0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.0		20 - 144	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		19 - 148	85%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

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

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-2MSD	SDG No.:	Q1858
Lab Sample ID:	Q1858-02MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	81.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088294.D	1	04/23/25 08:35	04/28/25 10:45	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	17.9		0.15	2.10	ug/kg
60-57-1	Dieldrin	18.0		0.17	2.10	ug/kg
72-55-9	4,4-DDE	16.2		0.17	2.10	ug/kg
72-54-8	4,4-DDD	17.4		0.18	2.10	ug/kg
50-29-3	4,4-DDT	16.5		0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.2		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.0		19 - 148	85%	SPK: 20

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
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CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: **RT 100 =** PD088124.D **RT 075 =** PD088125.D

RT 050 = PD088126.D **RT 025 =** PD088127.D **RT 005 =** PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
4,4'-DDE	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
Decachlorobiphenyl	9.08	9.07	9.08	9.08	9.08	9.07	8.97	9.17
Dieldrin	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.95	5.93	5.93	5.93	5.93	5.94	5.84	6.04
4,4'-DDE	5.40	5.38	5.38	5.38	5.38	5.38	5.28	5.48
4,4'-DDT	6.20	6.19	6.19	6.19	6.19	6.19	6.09	6.29
Aldrin	4.39	4.37	4.37	4.37	4.37	4.38	4.28	4.48
Decachlorobiphenyl	8.09	8.08	8.08	8.08	8.08	8.08	7.98	8.18
Dieldrin	5.53	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Tetrachloro-m-xylene	2.90	2.88	2.88	2.88	2.88	2.89	2.79	2.99

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Instrument ID: ECD_D

Calibration Date(s): 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2657600000	2587000000	2495010000	2376000000	2459180000	2514960000	4
4,4'-DDE	3466910000	3527170000	3240150000	3071100000	3185920000	3298250000	6
4,4'-DDT	2923480000	2868140000	2755010000	2629860000	2711210000	2777540000	4
Aldrin	4191470000	4069870000	3911790000	3719150000	3855640000	3949580000	5
Decachlorobiphenyl	3080820000	3141130000	3178140000	3290360000	3850090000	3308110000	9
Dieldrin	3750160000	3656120000	3530390000	3371440000	3534380000	3568500000	4
Tetrachloro-m-xylene	1982340000	2006790000	1938680000	1923660000	2135510000	1997400000	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	15154700000	15403900000	15792200000	16361000000	19219200000	16386200000	10
4,4'-DDE	18345500000	18580000000	18872600000	19581800000	23090100000	19694000000	10
4,4'-DDT	16431600000	16496500000	16745700000	17063800000	18344900000	17016500000	5
Aldrin	19439700000	19604700000	20000000000	20715500000	24254000000	20802800000	10
Decachlorobiphenyl	16767000000	17098200000	17470300000	18387600000	22674800000	18479600000	13
Dieldrin	18536800000	18713100000	19146400000	19886400000	23381600000	19932900000	10
Tetrachloro-m-xylene	13615300000	13685800000	14010800000	14551200000	17245000000	14621600000	10

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:55 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.09	9.08	8.98	9.18	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.36	6.35	6.25	6.45	-0.01
4,4'-DDE	6.21	6.20	6.10	6.30	-0.01
4,4'-DDD	6.72	6.71	6.61	6.81	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:55 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088233.D **Time Analyzed:** 09:55

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.715	6.606	6.806	52.650	50.000	5.3
4,4'-DDE	6.206	6.097	6.297	51.060	50.000	2.1
4,4'-DDT	7.031	6.922	7.122	47.170	50.000	-5.7
Aldrin	5.281	5.173	5.373	52.870	50.000	5.7
Decachlorobiphenyl	9.085	8.975	9.175	45.570	50.000	-8.9
Dieldrin	6.357	6.249	6.449	52.670	50.000	5.3
Tetrachloro-m-xylene	3.558	3.452	3.652	51.590	50.000	3.2

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088233.D **Time Analyzed:** 09:55

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.934	5.834	6.034	47.660	50.000	-4.7
4,4'-DDE	5.379	5.280	5.480	46.970	50.000	-6.1
4,4'-DDT	6.188	6.088	6.288	43.900	50.000	-12.2
Aldrin	4.371	4.273	4.473	47.670	50.000	-4.7
Decachlorobiphenyl	8.077	7.977	8.177	42.400	50.000	-15.2
Dieldrin	5.516	5.417	5.617	47.120	50.000	-5.8
Tetrachloro-m-xylene	2.881	2.783	2.983	47.500	50.000	-5.0

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:05 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
Aldrin	5.27	5.27	5.17	5.37	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
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:05 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088247.D **Time Analyzed:** 15:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.706	6.606	6.806	52.770	50.000	5.5
4,4'-DDE	6.197	6.097	6.297	50.980	50.000	2.0
4,4'-DDT	7.022	6.922	7.122	43.090	50.000	-13.8
Aldrin	5.273	5.173	5.373	53.250	50.000	6.5
Decachlorobiphenyl	9.074	8.975	9.175	45.670	50.000	-8.7
Dieldrin	6.348	6.249	6.449	52.360	50.000	4.7
Tetrachloro-m-xylene	3.552	3.452	3.652	52.160	50.000	4.3

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088247.D **Time Analyzed:** 15:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	48.840	50.000	-2.3
4,4'-DDE	5.379	5.280	5.480	47.620	50.000	-4.8
4,4'-DDT	6.187	6.088	6.288	41.100	50.000	-17.8
Aldrin	4.372	4.273	4.473	48.470	50.000	-3.1
Decachlorobiphenyl	8.076	7.977	8.177	40.830	50.000	-18.3
Dieldrin	5.516	5.417	5.617	47.670	50.000	-4.7
Tetrachloro-m-xylene	2.883	2.783	2.983	48.850	50.000	-2.3

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:46 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:46 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088290.D **Time Analyzed:** 09:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.711	6.606	6.806	50.200	50.000	0.4
4,4'-DDE	6.203	6.097	6.297	49.670	50.000	-0.7
4,4'-DDT	7.027	6.922	7.122	49.970	50.000	-0.1
Aldrin	5.278	5.173	5.373	49.760	50.000	-0.5
Decachlorobiphenyl	9.079	8.975	9.175	45.380	50.000	-9.2
Dieldrin	6.353	6.249	6.449	50.890	50.000	1.8
Tetrachloro-m-xylene	3.556	3.452	3.652	48.690	50.000	-2.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088290.D **Time Analyzed:** 09:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	44.700	50.000	-10.6
4,4'-DDE	5.378	5.280	5.480	45.050	50.000	-9.9
4,4'-DDT	6.187	6.088	6.288	45.420	50.000	-9.2
Aldrin	4.371	4.273	4.473	45.140	50.000	-9.7
Decachlorobiphenyl	8.076	7.977	8.177	40.250	50.000	-19.5
Dieldrin	5.516	5.417	5.617	45.200	50.000	-9.6
Tetrachloro-m-xylene	2.880	2.783	2.983	44.950	50.000	-10.1

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:10 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.36	6.35	6.25	6.45	-0.01
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:10 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088303.D **Time Analyzed:** 15:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.714	6.606	6.806	52.640	50.000	5.3
4,4'-DDE	6.204	6.097	6.297	50.750	50.000	1.5
4,4'-DDT	7.030	6.922	7.122	46.560	50.000	-6.9
Aldrin	5.280	5.173	5.373	53.300	50.000	6.6
Decachlorobiphenyl	9.083	8.975	9.175	45.920	50.000	-8.2
Dieldrin	6.356	6.249	6.449	52.730	50.000	5.5
Tetrachloro-m-xylene	3.558	3.452	3.652	51.300	50.000	2.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088303.D **Time Analyzed:** 15:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.933	5.834	6.034	47.040	50.000	-5.9
4,4'-DDE	5.379	5.280	5.480	47.880	50.000	-4.2
4,4'-DDT	6.188	6.088	6.288	43.610	50.000	-12.8
Aldrin	4.372	4.273	4.473	48.020	50.000	-4.0
Decachlorobiphenyl	8.077	7.977	8.177	40.440	50.000	-19.1
Dieldrin	5.517	5.417	5.617	47.610	50.000	-4.8
Tetrachloro-m-xylene	2.881	2.783	2.983	47.960	50.000	-4.1

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.075	8.970	9.180	23.220	20.000	16.1
Tetrachloro-m-xylene	3.551	3.500	3.600	21.610	20.000	8.1
alpha-BHC	4.000	3.950	4.050	9.950	10.000	-0.5
beta-BHC	4.516	4.470	4.570	11.360	10.000	13.6
gamma-BHC (Lindane)	4.331	4.280	4.380	10.480	10.000	4.8
Endrin	6.576	6.510	6.650	51.530	50.000	3.1
4,4'-DDT	7.023	6.950	7.090	110.510	100.000	10.5
Methoxychlor	7.494	7.420	7.560	265.100	250.000	6.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.980	8.180	22.950	20.000	14.8
Tetrachloro-m-xylene	2.883	2.830	2.930	22.200	20.000	11.0
alpha-BHC	3.396	3.350	3.450	11.720	10.000	17.2
beta-BHC	4.028	3.980	4.080	12.460	10.000	24.6
gamma-BHC (Lindane)	3.732	3.680	3.780	11.580	10.000	15.8
Endrin	5.793	5.720	5.860	49.780	50.000	-0.4
4,4'-DDT	6.187	6.120	6.260	102.610	100.000	2.6
Methoxychlor	6.758	6.690	6.830	215.580	250.000	-13.8

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088232.D **Date Analyzed:** 04/23/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:59

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.074	8.970	9.170	22.760	20.000	13.8
Tetrachloro-m-xylene	3.551	3.500	3.600	24.350	20.000	21.8
alpha-BHC	4.000	3.950	4.050	11.070	10.000	10.7
beta-BHC	4.516	4.470	4.570	12.490	10.000	24.9
gamma-BHC (Lindane)	4.332	4.280	4.380	11.410	10.000	14.1
Endrin	6.576	6.510	6.650	59.370	50.000	18.7
4,4'-DDT	7.022	6.950	7.090	110.860	100.000	10.9
Methoxychlor	7.494	7.420	7.560	253.710	250.000	1.5

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088232.D **Date Analyzed:** 04/23/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:59

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.980	8.180	21.870	20.000	9.4
Tetrachloro-m-xylene	2.882	2.830	2.930	23.960	20.000	19.8
alpha-BHC	3.395	3.340	3.450	12.380	10.000	23.8
beta-BHC	4.027	3.980	4.080	12.800	10.000	28.0
gamma-BHC (Lindane)	3.732	3.680	3.780	12.290	10.000	22.9
Endrin	5.792	5.720	5.860	53.740	50.000	7.5
4,4'-DDT	6.187	6.120	6.260	98.730	100.000	-1.3
Methoxychlor	6.757	6.690	6.830	195.720	250.000	-21.7

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088289.D **Date Analyzed:** 04/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:23

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.970	9.170	20.880	20.000	4.4
Tetrachloro-m-xylene	3.550	3.500	3.600	21.380	20.000	6.9
alpha-BHC	3.999	3.950	4.050	9.700	10.000	-3.0
beta-BHC	4.515	4.460	4.570	11.060	10.000	10.6
gamma-BHC (Lindane)	4.330	4.280	4.380	10.210	10.000	2.1
Endrin	6.574	6.500	6.640	54.780	50.000	9.6
4,4'-DDT	7.020	6.950	7.090	109.760	100.000	9.8
Methoxychlor	7.492	7.420	7.560	252.030	250.000	0.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088289.D **Date Analyzed:** 04/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:23

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.074	7.970	8.170	19.160	20.000	-4.2
Tetrachloro-m-xylene	2.882	2.830	2.930	20.760	20.000	3.8
alpha-BHC	3.394	3.340	3.440	10.740	10.000	7.4
beta-BHC	4.027	3.980	4.080	11.090	10.000	10.9
gamma-BHC (Lindane)	3.731	3.680	3.780	10.700	10.000	7.0
Endrin	5.791	5.720	5.860	48.470	50.000	-3.1
4,4'-DDT	6.185	6.110	6.260	95.500	100.000	-4.5
Methoxychlor	6.757	6.690	6.830	191.000	250.000	-23.6

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1858

Project: Henry Lea School **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

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 #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	9.07	3.55
PEM	PEM	04/18/2025	13:29	PD088122.D	9.08	3.55
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	9.08	3.55
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	9.08	3.55
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	9.07	3.55
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	9.08	3.55
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	9.08	3.55
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	9.08	3.55
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	9.07	3.55
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	9.07	3.55
I.BLK	I.BLK	04/23/2025	08:45	PD088231.D	9.08	3.55
PEM	PEM	04/23/2025	08:59	PD088232.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/23/2025	09:55	PD088233.D	9.09	3.56
PB167709BL	PB167709BL	04/23/2025	12:45	PD088238.D	9.08	3.55
PB167709BS	PB167709BS	04/23/2025	12:59	PD088239.D	9.07	3.55
I.BLK	I.BLK	04/23/2025	14:51	PD088246.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/23/2025	15:05	PD088247.D	9.07	3.55
I.BLK	I.BLK	04/28/2025	09:09	PD088288.D	9.07	3.55
PEM	PEM	04/28/2025	09:23	PD088289.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/28/2025	09:46	PD088290.D	9.08	3.56
COMP-1	Q1858-01	04/28/2025	10:05	PD088291.D	9.08	3.55
COMP-2	Q1858-02	04/28/2025	10:18	PD088292.D	9.07	3.55
COMP-2MS	Q1858-02MS	04/28/2025	10:32	PD088293.D	9.07	3.55
COMP-2MSD	Q1858-02MSD	04/28/2025	10:45	PD088294.D	9.07	3.55
COMP-3	Q1858-03	04/28/2025	10:59	PD088295.D	9.07	3.55
I.BLK	I.BLK	04/28/2025	12:34	PD088302.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/28/2025	15:10	PD088303.D	9.08	3.56

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1858

Project: Henry Lea School **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

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 #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	8.08	2.88
PEM	PEM	04/18/2025	13:29	PD088122.D	8.08	2.88
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	8.08	2.88
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	8.09	2.90
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	8.08	2.88
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	8.08	2.88
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	8.08	2.88
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	8.08	2.88
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	8.08	2.88
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	8.08	2.88
I.BLK	I.BLK	04/23/2025	08:45	PD088231.D	8.08	2.88
PEM	PEM	04/23/2025	08:59	PD088232.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/23/2025	09:55	PD088233.D	8.08	2.88
PB167709BL	PB167709BL	04/23/2025	12:45	PD088238.D	8.08	2.88
PB167709BS	PB167709BS	04/23/2025	12:59	PD088239.D	8.08	2.88
I.BLK	I.BLK	04/23/2025	14:51	PD088246.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/23/2025	15:05	PD088247.D	8.08	2.88
I.BLK	I.BLK	04/28/2025	09:09	PD088288.D	8.08	2.88
PEM	PEM	04/28/2025	09:23	PD088289.D	8.07	2.88
PSTDCCC050	PSTDCCC050	04/28/2025	09:46	PD088290.D	8.08	2.88
COMP-1	Q1858-01	04/28/2025	10:05	PD088291.D	8.08	2.88
COMP-2	Q1858-02	04/28/2025	10:18	PD088292.D	8.07	2.88
COMP-2MS	Q1858-02MS	04/28/2025	10:32	PD088293.D	8.07	2.88
COMP-2MSD	Q1858-02MSD	04/28/2025	10:45	PD088294.D	8.07	2.88
COMP-3	Q1858-03	04/28/2025	10:59	PD088295.D	8.07	2.88
I.BLK	I.BLK	04/28/2025	12:34	PD088302.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/28/2025	15:10	PD088303.D	8.08	2.88

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Lab Sample ID: Q1858-01 **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.35	6.30	6.40	0.31	16.7
	2	5.51	5.46	5.56	0.36	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Lab Sample ID: Q1858-02 **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.35	6.30	6.40	0.25	82.1
	2	5.51	5.46	5.56	0.60	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2MS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Lab Sample ID: Q1858-02MS **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	17.7	15.2
	2	5.93	5.88	5.98	15.2	
4,4'-DDT	1	7.02	6.97	7.07	16.8	16.1
	2	6.18	6.13	6.23	14.3	
Aldrin	1	5.27	5.22	5.32	18.0	8.1
	2	4.37	4.32	4.42	16.6	
4,4'-DDE	1	6.20	6.15	6.25	16.1	0.6
	2	5.38	5.33	5.43	16.0	
Dieldrin	1	6.35	6.30	6.40	18.1	11.1
	2	5.51	5.46	5.56	16.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2MSD

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Lab Sample ID: Q1858-02MSD **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	17.4	14.2
	2	5.93	5.88	5.98	15.1	
4,4'-DDT	1	7.02	6.97	7.07	16.5	10.9
	2	6.18	6.13	6.23	14.8	
Aldrin	1	5.27	5.22	5.32	17.9	8.7
	2	4.37	4.32	4.42	16.4	
4,4'-DDE	1	6.20	6.15	6.25	16.2	2.5
	2	5.38	5.33	5.43	15.8	
Dieldrin	1	6.35	6.30	6.40	18.0	12.4
	2	5.51	5.46	5.56	15.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Lab Sample ID: Q1858-03 **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDT	1	7.02	6.97	7.07	1.20	8.7
	2	6.19	6.14	6.24	1.10	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167709BS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

Lab Sample ID: PB167709BS **Date(s) Analyzed:** 04/23/2025 04/23/2025

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

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	16.7	7.5
	2	5.93	5.88	5.98	15.5	
4,4'-DDE	1	6.20	6.15	6.25	16.1	6.4
	2	5.38	5.33	5.43	15.1	
4,4'-DDT	1	7.02	6.97	7.07	15.3	7.5
	2	6.19	6.14	6.24	14.2	
Aldrin	1	5.27	5.22	5.32	16.4	7.6
	2	4.37	4.32	4.42	15.2	
Dieldrin	1	6.35	6.30	6.40	16.6	8.8
	2	5.52	5.47	5.57	15.2	