

LAB CHRONICLE

OrderID:	Q2807	OrderDate:	8/8/2025 10:01:00 AM
Client:	Kleinfelder	Project:	Girard School - PA
Contact:	Mark Warchol	Location:	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2807-01	COMP-4	SOIL	PCB Group1	8082A	08/07/25	08/11/25	08/11/25	08/08/25
			PESTICIDE Group1	8081B		08/11/25	08/11/25	
Q2807-02	COMP-5	SOIL	PCB Group1	8082A	08/07/25	08/11/25	08/12/25	08/08/25
			PESTICIDE Group1	8081B		08/11/25	08/13/25	
Q2807-03	COMP-6	SOIL	PCB Group1	8082A	08/07/25	08/11/25	08/11/25	08/08/25
			PESTICIDE Group1	8081B		08/11/25	08/11/25	



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

Hit Summary Sheet
SW-846

SDG No.:

Q2807

Order ID:

Q2807

Client:

Kleinfelder

Project ID:

Girard School - PA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4	SDG No.:	Q2807
Lab Sample ID:	Q2807-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089844.D	1	08/11/25 08:31	08/11/25 20:04	PB169187

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	0.17	U	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	24.5		20 - 144	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	29.3		19 - 148	146%	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

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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:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5	SDG No.:	Q2807
Lab Sample ID:	Q2807-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.5
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089881.D	1	08/11/25 08:31	08/13/25 13:54	PB169187

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	0.17	U	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	28.8		20 - 144	144%	SPK: 20
877-09-8	Tetrachloro-m-xylene	32.5	*	19 - 148	163%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6	SDG No.:	Q2807
Lab Sample ID:	Q2807-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089848.D	1	08/11/25 08:31	08/11/25 20:58	PB169187

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	0.17	U	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	15.1		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		19 - 148	94%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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QC SUMMARY

Surrogate Summary

SDG No.: **Q2807**

Client: **Kleinfelder**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD089685.D	PIBLK-PD089685.D	Decachlorobiphen	1	20	20.9	104		57	171
		Tetrachloro-m-xyl	1	20	19.6	98		61	148
		Decachlorobiphen	2	20	20.9	104		57	171
		Tetrachloro-m-xyl	2	20	20.4	102		61	148
I.BLK-PD089835.D	PIBLK-PD089835.D	Decachlorobiphen	1	20	18.9	94		57	171
		Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	22.1	110		57	171
		Tetrachloro-m-xyl	2	20	24.2	121		61	148
PB169187BL	PB169187BL	Decachlorobiphen	1	20	18.7	94		20	144
		Tetrachloro-m-xyl	1	20	18.6	93		19	148
		Decachlorobiphen	2	20	21.8	109		20	144
		Tetrachloro-m-xyl	2	20	23.6	118		19	148
PB169187BS	PB169187BS	Decachlorobiphen	1	20	21.1	105		20	144
		Tetrachloro-m-xyl	1	20	21.0	105		19	148
		Decachlorobiphen	2	20	24.7	124		20	144
		Tetrachloro-m-xyl	2	20	26.5	133		19	148
I.BLK-PD089841.D	PIBLK-PD089841.D	Decachlorobiphen	1	20	19.1	95		57	171
		Tetrachloro-m-xyl	1	20	19.7	98		61	148
		Decachlorobiphen	2	20	22.4	112		57	171
		Tetrachloro-m-xyl	2	20	24.3	122		61	148
Q2807-01	COMP-4	Decachlorobiphen	1	20	20.9	104		20	144
		Tetrachloro-m-xyl	1	20	24.1	121		19	148
		Decachlorobiphen	2	20	24.5	122		20	144
		Tetrachloro-m-xyl	2	20	29.3	146		19	148
Q2807-01MS	COMP-4MS	Decachlorobiphen	1	20	15.8	79		20	144
		Tetrachloro-m-xyl	1	20	17.4	87		19	148
		Decachlorobiphen	2	20	18.2	91		20	144
		Tetrachloro-m-xyl	2	20	21.9	109		19	148
Q2807-01MSD	COMP-4MSD	Decachlorobiphen	1	20	15.4	77		20	144
		Tetrachloro-m-xyl	1	20	17.5	88		19	148
		Decachlorobiphen	2	20	18.2	91		20	144
		Tetrachloro-m-xyl	2	20	22.1	111		19	148
Q2807-03	COMP-6	Decachlorobiphen	1	20	13.2	66		20	144
		Tetrachloro-m-xyl	1	20	15.3	76		19	148
		Decachlorobiphen	2	20	15.1	76		20	144
		Tetrachloro-m-xyl	2	20	18.8	94		19	148
I.BLK-PD089851.D	PIBLK-PD089851.D	Decachlorobiphen	1	20	16.5	83		57	171
		Tetrachloro-m-xyl	1	20	18.6	93		61	148
		Decachlorobiphen	2	20	13.0	65		57	171
		Tetrachloro-m-xyl	2	20	24.0	120		61	148
I.BLK-PD089878.D	PIBLK-PD089878.D	Decachlorobiphen	1	20	19.5	97		57	171

Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD089878.D	PIBLK-PD089878.D	Tetrachloro-m-xyl	1	20	19.3	97		61	148
		Decachlorobiphen	2	20	22.9	114		57	171
Q2807-02	COMP-5	Tetrachloro-m-xyl	2	20	24.8	124		61	148
		Decachlorobiphen	1	20	24.3	122		20	144
		Tetrachloro-m-xyl	1	20	26.1	130		19	148
		Decachlorobiphen	2	20	28.8	144		20	144
		Tetrachloro-m-xyl	2	20	32.5	163	*	19	148
		Decachlorobiphen	1	20	19.3	96		57	171
I.BLK-PD089885.D	PIBLK-PD089885.D	Tetrachloro-m-xyl	1	20	19.3	97		61	148
		Decachlorobiphen	2	20	21.5	108		57	171
		Tetrachloro-m-xyl	2	20	24.4	122		61	148
		Decachlorobiphen	1	20	19.3	96		57	171

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2807</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PD089845.D</u>

	Parameter	Sample		Units	Rec	Rec Qual	RPD		Limits High	RPD
		Spike	Result				RPD	Qual		
Lab Sample ID:	Q2807-01MS (Column 1)	Client Sample ID:	COMP-4MS							
	Aldrin	20	0	20.8	ug/kg	104			49	139
	Dieldrin	20	0	19.9	ug/kg	100			47	161
	4,4'-DDE	20	0	20.0	ug/kg	100			55	136
	4,4'-DDD	20	0	20.5	ug/kg	103			47	163
	4,4'-DDT	20	0	17.6	ug/kg	88			51	146
Lab Sample ID:	Q2807-01MS (Column 2)	Client Sample ID:	COMP-4MS							
	Aldrin	20	0	23.6	ug/kg	118			49	139
	Dieldrin	20	0	23.8	ug/kg	119			47	161
	4,4'-DDE	20	0	24.1	ug/kg	121			55	136
	4,4'-DDD	20	0	23.9	ug/kg	119			47	163
	4,4'-DDT	20	0	23.1	ug/kg	116			51	146

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2807</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PD089846.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2807-01MSD (Column 1)	Client Sample ID:		COMP-4MSD								
	Aldrin	20	0	20.9	ug/kg	104		0		49	139	20
	Dieldrin	20	0	19.9	ug/kg	100		0		47	161	20
	4,4'-DDE	20	0	20.2	ug/kg	101		1		55	136	20
	4,4'-DDD	20	0	20.4	ug/kg	102		1		47	163	20
	4,4'-DDT	20	0	17.3	ug/kg	86		2		51	146	20
Lab Sample ID:	Q2807-01MSD (Column 2)	Client Sample ID:		COMP-4MSD								
	Aldrin	20	0	23.9	ug/kg	119		1		49	139	20
	Dieldrin	20	0	24.1	ug/kg	121		2		47	161	20
	4,4'-DDE	20	0	24.5	ug/kg	123		2		55	136	20
	4,4'-DDD	20	0	24.0	ug/kg	120		1		47	163	20
	4,4'-DDT	20	0	23.1	ug/kg	116		0		51	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2807</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>PD089838.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169187BS (Column 1)	Aldrin	16.66	16.3	ug/kg	98				82	124		
	Dieldrin	16.66	15.8	ug/kg	95				85	121		
	4,4'-DDE	16.66	15.9	ug/kg	95				81	123		
	4,4'-DDD	16.66	16.1	ug/kg	97				80	131		
	4,4'-DDT	16.66	13.6	ug/kg	82				70	129		
PB169187BS (Column 2)	Aldrin	16.66	19.4	ug/kg	116				82	124		
	Dieldrin	16.66	19.2	ug/kg	115				85	121		
	4,4'-DDE	16.66	19.4	ug/kg	116				81	123		
	4,4'-DDD	16.66	20.1	ug/kg	121				80	131		
	4,4'-DDT	16.66	17.6	ug/kg	106				70	129		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169187BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: PB169187BL

Lab File ID: PD089837.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/11/2025

Date Analyzed (1): 08/11/2025

Date Analyzed (2): 08/11/2025

Time Analyzed (1): 18:01

Time Analyzed (2): 18:01

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
PB169187BS	PB169187BS	PD089838.D	08/11/2025	08/11/2025
COMP-4	Q2807-01	PD089844.D	08/11/2025	08/11/2025
COMP-4MS	Q2807-01MS	PD089845.D	08/11/2025	08/11/2025
COMP-4MSD	Q2807-01MSD	PD089846.D	08/11/2025	08/11/2025
COMP-6	Q2807-03	PD089848.D	08/11/2025	08/11/2025
COMP-5	Q2807-02	PD089881.D	08/13/2025	08/13/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169187BL	SDG No.:	Q2807
Lab Sample ID:	PB169187BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089837.D	1	08/11/25 08:31	08/11/25 18:01	PB169187

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	21.8		20 - 144	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.6		19 - 148	118%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	07/31/25
Project:	Girard School - PA	Date Received:	07/31/25
Client Sample ID:	PIBLK-PD089685.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089685.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089685.D	1		07/31/25	pd073125

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	20.9		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		61 - 148	102%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PD089835.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089835.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089835.D	1		08/11/25	pd081125

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	22.1		57 - 171	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.2		61 - 148	121%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PD089841.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089841.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089841.D	1		08/11/25	pd081125

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	22.4		57 - 171	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.3		61 - 148	122%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PD089851.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089851.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089851.D	1		08/11/25	pd081125

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	16.5		57 - 171	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.0		61 - 148	120%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/13/25
Project:	Girard School - PA	Date Received:	08/13/25
Client Sample ID:	PIBLK-PD089878.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089878.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089878.D	1		08/13/25	pd081425

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		57 - 171	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.8		61 - 148	124%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/13/25
Project:	Girard School - PA	Date Received:	08/13/25
Client Sample ID:	PIBLK-PD089885.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089885.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089885.D	1		08/13/25	pd081425

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	21.5		57 - 171	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.4		61 - 148	122%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169187BS	SDG No.:	Q2807
Lab Sample ID:	PB169187BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089838.D	1	08/11/25 08:31	08/11/25 18:14	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	19.4		0.12	1.70	ug/kg
60-57-1	Dieldrin	19.2		0.14	1.70	ug/kg
72-55-9	4,4-DDE	19.4		0.14	1.70	ug/kg
72-54-8	4,4-DDD	20.1		0.15	1.70	ug/kg
50-29-3	4,4-DDT	17.6		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		20 - 144	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.5		19 - 148	133%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4MS	SDG No.:	Q2807
Lab Sample ID:	Q2807-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089845.D	1	08/11/25 08:31	08/11/25 20:17	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	23.6		0.14	2.00	ug/kg
60-57-1	Dieldrin	23.8		0.17	2.00	ug/kg
72-55-9	4,4-DDE	24.1		0.17	2.00	ug/kg
72-54-8	4,4-DDD	23.9		0.18	2.00	ug/kg
50-29-3	4,4-DDT	23.1		0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.2		20 - 144	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		19 - 148	109%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4MSD	SDG No.:	Q2807
Lab Sample ID:	Q2807-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.1
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089846.D	1	08/11/25 08:31	08/11/25 20:31	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	23.9		0.14	2.00	ug/kg
60-57-1	Dieldrin	24.1		0.17	2.00	ug/kg
72-55-9	4,4-DDE	24.5		0.17	2.00	ug/kg
72-54-8	4,4-DDD	24.0		0.18	2.00	ug/kg
50-29-3	4,4-DDT	23.1		0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.2		20 - 144	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		19 - 148	111%	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



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H

Calibration Times: **11:47** **12:41**

LAB FILE ID:	RT 100 =	<u>PD089688.D</u>	RT 075 =	<u>PD089689.D</u>
	RT 050 =	PD089690.D	RT 025 =	PD089691.D
			RT 005 =	PD089692.D

[illegible]

A
B
C
D
E
F
G
H

Calibration Times: 11:47 12:41

LAB FILE ID:	RT 100 =	<u>PD089688.D</u>	RT 075 =	<u>PD089689.D</u>
	RT 050 =	PD089690.D	RT 025 =	PD089691.D
			RT 005 =	PD089692.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: POWE02
SDG NO.: Q2807

Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

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

LAB FILE ID:		CF 100 =	<u>PD089688.D</u>	CF 075 =	<u>PD089689.D</u>		
CF 050 =		<u>PD089690.D</u>	CF 025 =	<u>PD089691.D</u>	CF 005 =	<u>PD089692.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3170910000	3047700000	2999940000	2847680000	2907880000	2994820000	4
4,4'-DDE	4003810000	3817790000	3749630000	3527790000	3549710000	3729750000	5
4,4'-DDT	3548070000	3416270000	3370890000	3205660000	3260320000	3360240000	4
Aldrin	4875360000	4656550000	4601860000	4327300000	4363460000	4564910000	5
Decachlorobiphenyl	3483240000	3499950000	3619460000	3726220000	4252410000	3716260000	8
Dieldrin	4482180000	4304270000	4237810000	4013690000	4079190000	4223430000	4
Tetrachloro-m-xylene	2500060000	2427080000	2456600000	2403480000	2545710000	2466590000	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: POWE02
SDG NO.: Q2807

Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

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

LAB FILE ID:		CF 100 =	<u>PD089688.D</u>	CF 075 =	<u>PD089689.D</u>		
CF 050 =		<u>PD089690.D</u>	CF 025 =	<u>PD089691.D</u>	CF 005 =	<u>PD089692.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	17134400000	16787300000	17354900000	17662200000	19224300000	17632600000	5
4,4'-DDE	20430900000	20064600000	20732800000	21183800000	23273600000	21137100000	6
4,4'-DDT	18425400000	17982900000	18452700000	18412200000	18590200000	18372700000	1
Aldrin	21657100000	21218800000	21871300000	22261000000	24245900000	22250800000	5
Decachlorobiphenyl	19095200000	18752300000	19614700000	20093800000	22833900000	20078000000	8
Dieldrin	20963500000	20551400000	21238000000	21609600000	23832300000	21639000000	6
Tetrachloro-m-xylene	15162800000	14913400000	15457700000	15824900000	17830500000	15837800000	7

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2807</u>
Continuing Calib Date:	<u>08/11/2025</u>	Initial Calibration Date(s):	<u>07/31/2025</u> <u>07/31/2025</u>
Continuing Calib Time:	<u>17:46</u>	Initial Calibration Time(s):	<u>11:47</u> <u>12:41</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
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	6.19	6.09	6.29	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/11/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 17:46

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.36	4.37	4.27	4.47	0.01
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089836.D **Time Analyzed:** 17:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.706	6.604	6.804	49.680	50.000	-0.6
4,4'-DDE	6.196	6.094	6.294	48.390	50.000	-3.2
4,4'-DDT	7.022	6.919	7.119	42.550	50.000	-14.9
Aldrin	5.271	5.169	5.369	50.520	50.000	1.0
Decachlorobiphenyl	9.072	8.971	9.171	44.510	50.000	-11.0
Dieldrin	6.347	6.245	6.445	48.250	50.000	-3.5
Tetrachloro-m-xylene	3.551	3.448	3.648	49.870	50.000	-0.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089836.D **Time Analyzed:** 17:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.925	5.825	6.025	59.960	50.000	19.9
4,4'-DDE	5.370	5.271	5.471	58.750	50.000	17.5
4,4'-DDT	6.179	6.079	6.279	54.910	50.000	9.8
Aldrin	4.364	4.265	4.465	59.080	50.000	18.2
Decachlorobiphenyl	8.067	7.968	8.168	52.190	50.000	4.4
Dieldrin	5.508	5.409	5.609	58.210	50.000	16.4
Tetrachloro-m-xylene	2.877	2.778	2.978	58.280	50.000	16.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/11/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 19:50

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
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	6.34	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/11/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 19:50

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.01
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.92	5.93	5.83	6.03	0.01
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089843.D **Time Analyzed:** 19:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.702	6.604	6.804	49.920	50.000	-0.2
4,4'-DDE	6.192	6.094	6.294	48.440	50.000	-3.1
4,4'-DDT	7.017	6.919	7.119	43.190	50.000	-13.6
Aldrin	5.267	5.169	5.369	50.390	50.000	0.8
Decachlorobiphenyl	9.067	8.971	9.171	44.890	50.000	-10.2
Dieldrin	6.343	6.245	6.445	48.220	50.000	-3.6
Tetrachloro-m-xylene	3.548	3.448	3.648	49.870	50.000	-0.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089843.D **Time Analyzed:** 19:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.924	5.825	6.025	60.370	50.000	20.7
4,4'-DDE	5.370	5.271	5.471	59.310	50.000	18.6
4,4'-DDT	6.178	6.079	6.279	56.010	50.000	12.0
Aldrin	4.365	4.265	4.465	59.550	50.000	19.1
Decachlorobiphenyl	8.066	7.968	8.168	53.090	50.000	6.2
Dieldrin	5.508	5.409	5.609	58.960	50.000	17.9
Tetrachloro-m-xylene	2.878	2.778	2.978	58.790	50.000	17.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/11/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 22:21

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
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	6.34	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2807</u>
Continuing Calib Date:	<u>08/11/2025</u>	Initial Calibration Date(s):	<u>07/31/2025</u> <u>07/31/2025</u>
Continuing Calib Time:	<u>22:21</u>	Initial Calibration Time(s):	<u>11:47</u> <u>12:41</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.01
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.92	5.93	5.83	6.03	0.01
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089852.D **Time Analyzed:** 22:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.701	6.604	6.804	46.190	50.000	-7.6
4,4'-DDE	6.192	6.094	6.294	45.170	50.000	-9.7
4,4'-DDT	7.016	6.919	7.119	40.170	50.000	-19.7
Aldrin	5.267	5.169	5.369	49.800	50.000	-0.4
Decachlorobiphenyl	9.067	8.971	9.171	42.060	50.000	-15.9
Dieldrin	6.343	6.245	6.445	44.720	50.000	-10.6
Tetrachloro-m-xylene	3.547	3.448	3.648	51.160	50.000	2.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089852.D **Time Analyzed:** 22:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.924	5.825	6.025	55.240	50.000	10.5
4,4'-DDE	5.370	5.271	5.471	56.680	50.000	13.4
4,4'-DDT	6.178	6.079	6.279	48.610	50.000	-2.8
Aldrin	4.365	4.265	4.465	59.560	50.000	19.1
Decachlorobiphenyl	8.065	7.968	8.168	40.150	50.000	-19.7
Dieldrin	5.508	5.409	5.609	55.340	50.000	10.7
Tetrachloro-m-xylene	2.876	2.778	2.978	59.860	50.000	19.7

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2807</u>
Continuing Calib Date:	<u>08/13/2025</u>	Initial Calibration Date(s):	<u>07/31/2025</u> <u>07/31/2025</u>
Continuing Calib Time:	<u>12:17</u>	Initial Calibration Time(s):	<u>11:47</u> <u>12:41</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
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	6.19	6.09	6.29	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2807</u>
Continuing Calib Date:	<u>08/13/2025</u>	Initial Calibration Date(s):	<u>07/31/2025</u> <u>07/31/2025</u>
Continuing Calib Time:	<u>12:17</u>	Initial Calibration Time(s):	<u>11:47</u> <u>12:41</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/13/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089880.D **Time Analyzed:** 12:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.710	6.604	6.804	46.470	50.000	-7.1
4,4'-DDE	6.202	6.094	6.294	46.920	50.000	-6.2
4,4'-DDT	7.026	6.919	7.119	45.880	50.000	-8.2
Aldrin	5.276	5.169	5.369	47.220	50.000	-5.6
Decachlorobiphenyl	9.078	8.971	9.171	44.930	50.000	-10.1
Dieldrin	6.352	6.245	6.445	46.360	50.000	-7.3
Tetrachloro-m-xylene	3.554	3.448	3.648	47.050	50.000	-5.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/13/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089880.D **Time Analyzed:** 12:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.927	5.825	6.025	56.590	50.000	13.2
4,4'-DDE	5.373	5.271	5.471	56.850	50.000	13.7
4,4'-DDT	6.181	6.079	6.279	58.380	50.000	16.8
Aldrin	4.366	4.265	4.465	56.210	50.000	12.4
Decachlorobiphenyl	8.070	7.968	8.168	53.030	50.000	6.1
Dieldrin	5.511	5.409	5.609	56.360	50.000	12.7
Tetrachloro-m-xylene	2.878	2.778	2.978	57.060	50.000	14.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/13/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 17:25

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-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	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2807</u>
Continuing Calib Date:	<u>08/13/2025</u>	Initial Calibration Date(s):	<u>07/31/2025</u> <u>07/31/2025</u>
Continuing Calib Time:	<u>17:25</u>	Initial Calibration Time(s):	<u>11:47</u> <u>12:41</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/13/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089886.D **Time Analyzed:** 17:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.711	6.604	6.804	46.040	50.000	-7.9
4,4'-DDE	6.202	6.094	6.294	46.890	50.000	-6.2
4,4'-DDT	7.027	6.919	7.119	44.450	50.000	-11.1
Aldrin	5.277	5.169	5.369	48.350	50.000	-3.3
Decachlorobiphenyl	9.079	8.971	9.171	43.600	50.000	-12.8
Dieldrin	6.353	6.245	6.445	46.440	50.000	-7.1
Tetrachloro-m-xylene	3.556	3.448	3.648	47.750	50.000	-4.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2807
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/13/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089886.D **Time Analyzed:** 17:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.928	5.825	6.025	58.940	50.000	17.9
4,4'-DDE	5.373	5.271	5.471	59.070	50.000	18.1
4,4'-DDT	6.182	6.079	6.279	59.760	50.000	19.5
Aldrin	4.367	4.265	4.465	59.180	50.000	18.4
Decachlorobiphenyl	8.070	7.968	8.168	50.570	50.000	1.1
Dieldrin	5.511	5.409	5.609	58.700	50.000	17.4
Tetrachloro-m-xylene	2.878	2.778	2.978	57.730	50.000	15.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D Date Analyzed: 07/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:47

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.070	8.970	9.170	21.540	20.000	7.7
Tetrachloro-m-xylene	3.548	3.500	3.600	20.670	20.000	3.4
alpha-BHC	3.997	3.950	4.050	9.820	10.000	-1.8
beta-BHC	4.514	4.460	4.560	10.760	10.000	7.6
gamma-BHC (Lindane)	4.328	4.280	4.380	10.080	10.000	0.8
Endrin	6.572	6.500	6.640	54.730	50.000	9.5
4,4'-DDT	7.020	6.950	7.090	108.560	100.000	8.6
Methoxychlor	7.491	7.420	7.560	258.930	250.000	3.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D Date Analyzed: 07/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:47

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.068	7.970	8.170	22.080	20.000	10.4
Tetrachloro-m-xylene	2.878	2.830	2.930	21.990	20.000	10.0
alpha-BHC	3.390	3.340	3.440	11.660	10.000	16.6
beta-BHC	4.022	3.970	4.070	11.840	10.000	18.4
gamma-BHC (Lindane)	3.726	3.680	3.780	11.700	10.000	17.0
Endrin	5.785	5.710	5.860	54.470	50.000	8.9
4,4'-DDT	6.179	6.110	6.250	108.020	100.000	8.0
Methoxychlor	6.750	6.680	6.820	237.190	250.000	-5.1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089832.D Date Analyzed: 08/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.072	8.970	9.170	19.150	20.000	-4.3
Tetrachloro-m-xylene	3.552	3.500	3.600	21.060	20.000	5.3
alpha-BHC	4.001	3.950	4.050	10.090	10.000	0.9
beta-BHC	4.519	4.470	4.570	11.660	10.000	16.6
gamma-BHC (Lindane)	4.332	4.280	4.380	10.360	10.000	3.6
Endrin	6.576	6.510	6.650	46.780	50.000	-6.4
4,4'-DDT	7.023	6.950	7.090	86.520	100.000	-13.5
Methoxychlor	7.494	7.420	7.560	199.430	250.000	-20.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089832.D Date Analyzed: 08/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.066	7.970	8.170	21.870	20.000	9.4
Tetrachloro-m-xylene	2.877	2.830	2.930	25.200	20.000	26.0
alpha-BHC	3.389	3.340	3.440	13.750	10.000	37.5
beta-BHC	4.021	3.970	4.070	13.770	10.000	37.7
gamma-BHC (Lindane)	3.725	3.670	3.780	13.530	10.000	35.3
Endrin	5.785	5.710	5.860	56.420	50.000	12.8
4,4'-DDT	6.179	6.110	6.250	108.800	100.000	8.8
Methoxychlor	6.749	6.680	6.820	212.750	250.000	-14.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089842.D Date Analyzed: 08/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:09

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.067	8.970	9.170	19.560	20.000	-2.2
Tetrachloro-m-xylene	3.547	3.500	3.600	20.480	20.000	2.4
alpha-BHC	3.996	3.950	4.050	9.760	10.000	-2.4
beta-BHC	4.513	4.460	4.560	10.940	10.000	9.4
gamma-BHC (Lindane)	4.327	4.280	4.380	10.110	10.000	1.1
Endrin	6.570	6.500	6.640	47.070	50.000	-5.9
4,4'-DDT	7.017	6.950	7.090	85.820	100.000	-14.2
Methoxychlor	7.489	7.420	7.560	198.370	250.000	-20.7

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089842.D Date Analyzed: 08/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:09

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.066	7.970	8.170	22.840	20.000	14.2
Tetrachloro-m-xylene	2.878	2.830	2.930	25.380	20.000	26.9
alpha-BHC	3.389	3.340	3.440	13.730	10.000	37.3
beta-BHC	4.021	3.970	4.070	13.770	10.000	37.7
gamma-BHC (Lindane)	3.726	3.680	3.780	13.460	10.000	34.6
Endrin	5.784	5.710	5.850	58.770	50.000	17.5
4,4'-DDT	6.178	6.110	6.250	108.270	100.000	8.3
Methoxychlor	6.748	6.680	6.820	220.930	250.000	-11.6

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089879.D Date Analyzed: 08/13/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:13

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.070	8.970	9.170	17.920	20.000	-10.4
Tetrachloro-m-xylene	3.550	3.500	3.600	18.300	20.000	-8.5
alpha-BHC	3.999	3.950	4.050	8.690	10.000	-13.1
beta-BHC	4.517	4.470	4.570	10.230	10.000	2.3
gamma-BHC (Lindane)	4.330	4.280	4.380	9.010	10.000	-9.9
Endrin	6.572	6.500	6.640	40.390	50.000	-19.2
4,4'-DDT	7.021	6.950	7.090	72.110	100.000	-27.9
Methoxychlor	7.493	7.420	7.560	168.510	250.000	-32.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089879.D Date Analyzed: 08/13/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:13

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.067	7.970	8.170	21.250	20.000	6.3
Tetrachloro-m-xylene	2.877	2.830	2.930	23.100	20.000	15.5
alpha-BHC	3.389	3.340	3.440	12.720	10.000	27.2
beta-BHC	4.022	3.970	4.070	12.330	10.000	23.3
gamma-BHC (Lindane)	3.726	3.680	3.780	12.470	10.000	24.7
Endrin	5.785	5.710	5.860	52.330	50.000	4.7
4,4'-DDT	6.179	6.110	6.250	95.060	100.000	-4.9
Methoxychlor	6.750	6.680	6.820	193.990	250.000	-22.4

Analytical Sequence

Client: Kleinfelder

SDG No.: Q2807

Project: Girard School - PA

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 07/31/2025 07/31/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/31/2025	10:33	PD089685.D	9.08	3.56
PEM	PEM	07/31/2025	10:47	PD089686.D	9.07	3.55
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	9.08	3.56
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	9.07	3.55
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	9.07	3.55
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	9.07	3.55
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	9.07	3.55
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	9.07	3.55
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	9.07	3.55
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	9.07	3.55
PEM	PEM	08/11/2025	11:19	PD089832.D	9.07	3.55
IBLK	IBLK	08/11/2025	16:08	PD089835.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/11/2025	17:46	PD089836.D	9.07	3.55
PB169187BL	PB169187BL	08/11/2025	18:01	PD089837.D	9.07	3.55
PB169187BS	PB169187BS	08/11/2025	18:14	PD089838.D	9.07	3.55
IBLK	IBLK	08/11/2025	18:55	PD089841.D	9.07	3.55
PEM	PEM	08/11/2025	19:09	PD089842.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/11/2025	19:50	PD089843.D	9.07	3.55
COMP-4	Q2807-01	08/11/2025	20:04	PD089844.D	9.07	3.55
COMP-4MS	Q2807-01MS	08/11/2025	20:17	PD089845.D	9.07	3.55
COMP-4MSD	Q2807-01MSD	08/11/2025	20:31	PD089846.D	9.07	3.55
COMP-6	Q2807-03	08/11/2025	20:58	PD089848.D	9.07	3.55
IBLK	IBLK	08/11/2025	21:40	PD089851.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/11/2025	22:21	PD089852.D	9.07	3.55
IBLK	IBLK	08/13/2025	09:58	PD089878.D	9.07	3.55
PEM	PEM	08/13/2025	10:13	PD089879.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/13/2025	12:17	PD089880.D	9.08	3.55
COMP-5	Q2807-02	08/13/2025	13:54	PD089881.D	9.08	3.56
IBLK	IBLK	08/13/2025	16:49	PD089885.D	9.08	3.56
PSTDCCC050	PSTDCCC050	08/13/2025	17:25	PD089886.D	9.08	3.56

Analytical Sequence

Client: Kleinfelder	SDG No.: Q2807	
Project: Girard School - PA	Instrument ID: ECD_D	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 07/31/2025 07/31/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/31/2025	10:33	PD089685.D	8.07	2.88
PEM	PEM	07/31/2025	10:47	PD089686.D	8.07	2.88
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	8.07	2.88
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	8.07	2.88
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	8.07	2.88
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	8.07	2.88
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	8.07	2.88
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	8.07	2.88
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	8.07	2.88
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	8.07	2.88
PEM	PEM	08/11/2025	11:19	PD089832.D	8.07	2.88
IBLK	IBLK	08/11/2025	16:08	PD089835.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/11/2025	17:46	PD089836.D	8.07	2.88
PB169187BL	PB169187BL	08/11/2025	18:01	PD089837.D	8.07	2.88
PB169187BS	PB169187BS	08/11/2025	18:14	PD089838.D	8.07	2.88
IBLK	IBLK	08/11/2025	18:55	PD089841.D	8.07	2.88
PEM	PEM	08/11/2025	19:09	PD089842.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/11/2025	19:50	PD089843.D	8.07	2.88
COMP-4	Q2807-01	08/11/2025	20:04	PD089844.D	8.07	2.88
COMP-4MS	Q2807-01MS	08/11/2025	20:17	PD089845.D	8.07	2.88
COMP-4MSD	Q2807-01MSD	08/11/2025	20:31	PD089846.D	8.07	2.88
COMP-6	Q2807-03	08/11/2025	20:58	PD089848.D	8.07	2.88
IBLK	IBLK	08/11/2025	21:40	PD089851.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/11/2025	22:21	PD089852.D	8.07	2.88
IBLK	IBLK	08/13/2025	09:58	PD089878.D	8.07	2.88
PEM	PEM	08/13/2025	10:13	PD089879.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/13/2025	12:17	PD089880.D	8.07	2.88
COMP-5	Q2807-02	08/13/2025	13:54	PD089881.D	8.07	2.88
IBLK	IBLK	08/13/2025	16:49	PD089885.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/13/2025	17:25	PD089886.D	8.07	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: Q2807-01MS

Date(s) Analyzed: 08/11/2025 08/11/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	20.5	15.3
	2	5.92	5.87	5.97	23.9	
4,4'-DDT	1	7.02	6.97	7.07	17.6	27
	2	6.18	6.13	6.23	23.1	
Aldrin	1	5.27	5.22	5.32	20.8	12.6
	2	4.36	4.31	4.41	23.6	
4,4'-DDE	1	6.19	6.14	6.24	20.0	18.6
	2	5.37	5.32	5.42	24.1	
Dieldrin	1	6.34	6.29	6.39	19.9	17.8
	2	5.51	5.46	5.56	23.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MSD

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: Q2807-01MSD

Date(s) Analyzed: 08/11/2025 08/11/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	20.4	16.2
	2	5.93	5.88	5.98	24.0	
4,4'-DDT	1	7.02	6.97	7.07	17.3	28.7
	2	6.18	6.13	6.23	23.1	
Aldrin	1	5.27	5.22	5.32	20.9	13.4
	2	4.36	4.31	4.41	23.9	
4,4'-DDE	1	6.19	6.14	6.24	20.2	19.2
	2	5.37	5.32	5.42	24.5	
Dieldrin	1	6.34	6.29	6.39	19.9	19.1
	2	5.51	5.46	5.56	24.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169187BS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: PB169187BS

Date(s) Analyzed: 08/11/2025 08/11/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	16.1	22.1
	2	5.92	5.87	5.97	20.1	
4,4'-DDT	1	7.02	6.97	7.07	13.6	25.6
	2	6.18	6.13	6.23	17.6	
Aldrin	1	5.27	5.22	5.32	16.3	17.4
	2	4.36	4.31	4.41	19.4	
4,4'-DDE	1	6.19	6.14	6.24	15.9	19.8
	2	5.37	5.32	5.42	19.4	
Dieldrin	1	6.34	6.29	6.39	15.8	19.4
	2	5.51	5.46	5.56	19.2	