

LAB CHRONICLE

OrderID:	Q2795	OrderDate:	8/7/2025 11:57:00 AM
Client:	Kleinfelder	Project:	Girard School - PA
Contact:	Mark Warchol	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2795-01	COMP-1	SOIL			08/06/25	08/08/25	08/08/25	08/07/25
			PCB Group1	8082A				
			PESTICIDE Group1	8081B				
Q2795-02	COMP-2	SOIL			08/06/25	08/08/25	08/08/25	08/07/25
			PCB Group1	8082A				
			PESTICIDE Group1	8081B				
Q2795-03	COMP-3	SOIL			08/06/25	08/08/25	08/08/25	08/07/25
			PCB Group1	8082A				
			PESTICIDE Group1	8081B				



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2795

Order ID: Q2795

Client: Kleinfelder

Project ID: Girard School - PA

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

Total Concentration: 0.000

A
B
C
D
E
F
G
H



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-1	SDG No.:	Q2795
Lab Sample ID:	Q2795-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.5
Sample Wt/Vol:	30.1	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
PD089822.D	1	08/08/25 08:43	08/08/25 18:10	PB169173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	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	15.7		20 - 144	78%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.0		19 - 148	115%	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:	08/06/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-2	SDG No.:	Q2795
Lab Sample ID:	Q2795-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.8
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
PD089825.D	1	08/08/25 08:43	08/08/25 18:51	PB169173

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	0.17	U	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	0.19	U	0.19	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.0		20 - 144	85%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.7		19 - 148	123%	SPK: 20

Comments:

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-3	SDG No.:	Q2795
Lab Sample ID:	Q2795-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82
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
PD089826.D	1	08/08/25 08:43	08/08/25 19:05	PB169173

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	0.17	U	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	17.2		20 - 144	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.2		19 - 148	121%	SPK: 20

Comments:

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q2795**

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-PD089808.D	PIBLK-PD089808.D	Decachlorobiphen	1	20	23.2	116		57	171
		Tetrachloro-m-xyl	1	20	22.9	115		61	148
		Decachlorobiphen	2	20	20.8	104		57	171
		Tetrachloro-m-xyl	2	20	26.1	130		61	148
PB169173BL	PB169173BL	Decachlorobiphen	1	20	18.4	92		20	144
		Tetrachloro-m-xyl	1	20	18.5	93		19	148
		Decachlorobiphen	2	20	18.9	95		20	144
		Tetrachloro-m-xyl	2	20	21.8	109		19	148
PB169173BS	PB169173BS	Decachlorobiphen	1	20	18.6	93		20	144
		Tetrachloro-m-xyl	1	20	18.5	92		19	148
		Decachlorobiphen	2	20	19.5	98		20	144
		Tetrachloro-m-xyl	2	20	22.2	111		19	148
I.BLK-PD089820.D	PIBLK-PD089820.D	Decachlorobiphen	1	20	21.2	106		57	171
		Tetrachloro-m-xyl	1	20	22.3	112		61	148
		Decachlorobiphen	2	20	22.2	111		57	171
		Tetrachloro-m-xyl	2	20	26.1	131		61	148
Q2795-01	COMP-1	Decachlorobiphen	1	20	14.7	74		20	144
		Tetrachloro-m-xyl	1	20	19.6	98		19	148
		Decachlorobiphen	2	20	15.7	78		20	144
		Tetrachloro-m-xyl	2	20	23.0	115		19	148
Q2795-01MS	COMP-1MS	Decachlorobiphen	1	20	12.8	64		20	144
		Tetrachloro-m-xyl	1	20	16.3	81		19	148
		Decachlorobiphen	2	20	13.4	67		20	144
		Tetrachloro-m-xyl	2	20	19.2	96		19	148
Q2795-01MSD	COMP-1MSD	Decachlorobiphen	1	20	12.9	64		20	144
		Tetrachloro-m-xyl	1	20	16.2	81		19	148
		Decachlorobiphen	2	20	13.2	66		20	144
		Tetrachloro-m-xyl	2	20	19.2	96		19	148
Q2795-02	COMP-2	Decachlorobiphen	1	20	16.4	82		20	144
		Tetrachloro-m-xyl	1	20	21.4	107		19	148
		Decachlorobiphen	2	20	17.0	85		20	144
		Tetrachloro-m-xyl	2	20	24.7	123		19	148
Q2795-03	COMP-3	Decachlorobiphen	1	20	17.0	85		20	144
		Tetrachloro-m-xyl	1	20	20.9	104		19	148
		Decachlorobiphen	2	20	17.2	86		20	144
		Tetrachloro-m-xyl	2	20	24.2	121		19	148
I.BLK-PD089828.D	PIBLK-PD089828.D	Decachlorobiphen	1	20	21.0	105		57	171

Surrogate Summary

SDG No.: Q2795

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD089828.D	PIBLK-PD089828.D	Tetrachloro-m-xyl	1	20	22.5	112		61	148
		Decachlorobiphen	2	20	21.1	106		57	171
		Tetrachloro-m-xyl	2	20	26.6	133		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2795</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PD089823.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		
			Result	Result			Qual	RPD	Qual	Low	High	RPD	
Lab Sample ID:	Q2795-01MS (Column 1)	Client Sample ID:		COMP-1MS									
	Aldrin	20.16	0	20.2	ug/kg	100				49	139		
	Dieldrin	20.16	0	17.6	ug/kg	87				47	161		
	4,4'-DDE	20.16	0	19.2	ug/kg	95				55	136		
	4,4'-DDD	20.16	0	19.7	ug/kg	98				47	163		
	4,4'-DDT	20.16	0	13.8	ug/kg	68				51	146		
Lab Sample ID:	Q2795-01MS (Column 2)	Client Sample ID:		COMP-1MS									
	Aldrin	20.16	0	22.6	ug/kg	112				49	139		
	Dieldrin	20.16	0	20.9	ug/kg	104				47	161		
	4,4'-DDE	20.16	0	22.5	ug/kg	112				55	136		
	4,4'-DDD	20.16	0	22.1	ug/kg	110				47	163		
	4,4'-DDT	20.16	0	18.1	ug/kg	90				51	146		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2795</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PD089824.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result				Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2795-01MSD (Column 1)	Client Sample ID:		COMP-1MSD								
	Aldrin	20.18	0	20.1	ug/kg	100		0		49	139	20
	Dieldrin	20.18	0	18.7	ug/kg	93		7		47	161	20
	4,4'-DDE	20.18	0	19.5	ug/kg	97		2		55	136	20
	4,4'-DDD	20.18	0	19.9	ug/kg	99		1		47	163	20
	4,4'-DDT	20.18	0	15.5	ug/kg	77		12		51	146	20
Lab Sample ID:	Q2795-01MSD (Column 2)	Client Sample ID:		COMP-1MSD								
	Aldrin	20.18	0	22.6	ug/kg	112		0		49	139	20
	Dieldrin	20.18	0	21.9	ug/kg	109		5		47	161	20
	4,4'-DDE	20.18	0	22.3	ug/kg	111		1		55	136	20
	4,4'-DDD	20.18	0	22.0	ug/kg	109		1		47	163	20
	4,4'-DDT	20.18	0	19.7	ug/kg	98		9		51	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2795</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>PD089812.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169173BS (Column 1)	Aldrin	16.66	16.0	ug/kg	96				82	124		
	Dieldrin	16.66	15.5	ug/kg	93				85	121		
	4,4'-DDE	16.66	15.6	ug/kg	94				81	123		
	4,4'-DDD	16.66	15.9	ug/kg	95				80	131		
	4,4'-DDT	16.66	13.8	ug/kg	83				70	129		
PB169173BS (Column 2)	Aldrin	16.66	17.7	ug/kg	106				82	124		
	Dieldrin	16.66	17.6	ug/kg	106				85	121		
	4,4'-DDE	16.66	17.7	ug/kg	106				81	123		
	4,4'-DDD	16.66	18.5	ug/kg	111				80	131		
	4,4'-DDT	16.66	16.4	ug/kg	98				70	129		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169173BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Lab Sample ID: PB169173BL

Lab File ID: PD089811.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/08/2025

Date Analyzed (1): 08/08/2025

Date Analyzed (2): 08/08/2025

Time Analyzed (1): 14:51

Time Analyzed (2): 14:51

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
PB169173BS	PB169173BS	PD089812.D	08/08/2025	08/08/2025
COMP-1	Q2795-01	PD089822.D	08/08/2025	08/08/2025
COMP-1MS	Q2795-01MS	PD089823.D	08/08/2025	08/08/2025
COMP-1MSD	Q2795-01MSD	PD089824.D	08/08/2025	08/08/2025
COMP-2	Q2795-02	PD089825.D	08/08/2025	08/08/2025
COMP-3	Q2795-03	PD089826.D	08/08/2025	08/08/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169173BL	SDG No.:	Q2795
Lab Sample ID:	PB169173BL	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
PD089811.D	1	08/08/25 08:43	08/08/25 14:51	PB169173

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	18.9		20 - 144	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		19 - 148	109%	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.:	Q2795
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:	08/08/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	PIBLK-PD089808.D	SDG No.:	Q2795
Lab Sample ID:	I.BLK-PD089808.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
PD089808.D	1		08/08/25	pd080925

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	23.2		57 - 171	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.1		61 - 148	130%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/08/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	PIBLK-PD089820.D	SDG No.:	Q2795
Lab Sample ID:	I.BLK-PD089820.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
PD089820.D	1		08/08/25	pd080925

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	22.2		57 - 171	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.1		61 - 148	131%	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:	08/08/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	PIBLK-PD089828.D	SDG No.:	Q2795
Lab Sample ID:	I.BLK-PD089828.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
PD089828.D	1		08/08/25	pd080925

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	21.1		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.6		61 - 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:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169173BS	SDG No.:	Q2795
Lab Sample ID:	PB169173BS	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
PD089812.D	1	08/08/25 08:43	08/08/25 15:18	PB169173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	17.7		0.12	1.70	ug/kg
60-57-1	Dieldrin	17.6		0.14	1.70	ug/kg
72-55-9	4,4-DDE	17.7		0.14	1.70	ug/kg
72-54-8	4,4-DDD	18.5		0.15	1.70	ug/kg
50-29-3	4,4-DDT	16.4		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		20 - 144	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.2		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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-1MS	SDG No.:	Q2795
Lab Sample ID:	Q2795-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.5
Sample Wt/Vol:	30.06	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
PD089823.D	1	08/08/25 08:43	08/08/25 18:24	PB169173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	22.6		0.15	2.10	ug/kg
60-57-1	Dieldrin	20.9		0.17	2.10	ug/kg
72-55-9	4,4-DDE	22.5		0.17	2.10	ug/kg
72-54-8	4,4-DDD	22.1		0.18	2.10	ug/kg
50-29-3	4,4-DDT	18.1		0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.4		20 - 144	67%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-1MSD	SDG No.:	Q2795
Lab Sample ID:	Q2795-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.5
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
PD089824.D	1	08/08/25 08:43	08/08/25 18:37	PB169173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	22.6		0.15	2.10	ug/kg
60-57-1	Dieldrin	21.9		0.17	2.10	ug/kg
72-55-9	4,4-DDE	22.3		0.17	2.10	ug/kg
72-54-8	4,4-DDD	22.0		0.18	2.10	ug/kg
50-29-3	4,4-DDT	19.7		0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.2		20 - 144	66%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		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



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.: Q2795

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.: Q2795

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Instrument ID:

Date(s) Analyzed:

GC Column:

ID:

(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
		1				
		2				
		3				
		4				
		5				

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Continuing Calib Date: 08/08/2025

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

Continuing Calib Time: 13:53

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>Q2795</u>
Continuing Calib Date:	<u>08/08/2025</u>	Initial Calibration Date(s):	<u>07/31/2025</u> <u>07/31/2025</u>
Continuing Calib Time:	<u>13:53</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	4.36	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	5.92	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.:** Q2795
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/08/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089810.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.701	6.604	6.804	54.010	50.000	8.0
4,4'-DDE	6.192	6.094	6.294	51.610	50.000	3.2
4,4'-DDT	7.017	6.919	7.119	47.220	50.000	-5.6
Aldrin	5.267	5.169	5.369	53.980	50.000	8.0
Decachlorobiphenyl	9.067	8.971	9.171	46.030	50.000	-7.9
Dieldrin	6.343	6.245	6.445	51.730	50.000	3.5
Tetrachloro-m-xylene	3.547	3.448	3.648	53.480	50.000	7.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2795
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/08/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089810.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.924	5.825	6.025	59.510	50.000	19.0
4,4'-DDE	5.369	5.271	5.471	58.910	50.000	17.8
4,4'-DDT	6.178	6.079	6.279	56.780	50.000	13.6
Aldrin	4.364	4.265	4.465	59.050	50.000	18.1
Decachlorobiphenyl	8.065	7.968	8.168	48.520	50.000	-3.0
Dieldrin	5.507	5.409	5.609	58.500	50.000	17.0
Tetrachloro-m-xylene	2.877	2.778	2.978	58.790	50.000	17.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Continuing Calib Date: 08/08/2025

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

Continuing Calib Time: 17:43

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.: Q2795

Continuing Calib Date: 08/08/2025

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

Continuing Calib Time: 17:43

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	5.92	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.:** Q2795
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/08/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089821.D **Time Analyzed:** 17:43

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.701	6.604	6.804	51.660	50.000	3.3
4,4'-DDE	6.192	6.094	6.294	48.680	50.000	-2.6
4,4'-DDT	7.017	6.919	7.119	42.180	50.000	-15.6
Aldrin	5.267	5.169	5.369	51.350	50.000	2.7
Decachlorobiphenyl	9.066	8.971	9.171	44.620	50.000	-10.8
Dieldrin	6.343	6.245	6.445	48.960	50.000	-2.1
Tetrachloro-m-xylene	3.547	3.448	3.648	51.380	50.000	2.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2795
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/08/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089821.D **Time Analyzed:** 17:43

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.924	5.825	6.025	57.790	50.000	15.6
4,4'-DDE	5.370	5.271	5.471	56.640	50.000	13.3
4,4'-DDT	6.178	6.079	6.279	51.020	50.000	2.0
Aldrin	4.364	4.265	4.465	57.180	50.000	14.4
Decachlorobiphenyl	8.066	7.968	8.168	47.200	50.000	-5.6
Dieldrin	5.508	5.409	5.609	56.430	50.000	12.9
Tetrachloro-m-xylene	2.878	2.778	2.978	56.850	50.000	13.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Continuing Calib Date: 08/08/2025

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

Continuing Calib Time: 19:46

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.: Q2795

Continuing Calib Date: 08/08/2025

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

Continuing Calib Time: 19:46

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	4.37	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.:** Q2795
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/08/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089829.D **Time Analyzed:** 19:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.702	6.604	6.804	50.340	50.000	0.7
4,4'-DDE	6.192	6.094	6.294	47.750	50.000	-4.5
4,4'-DDT	7.016	6.919	7.119	40.290	50.000	-19.4
Aldrin	5.267	5.169	5.369	50.440	50.000	0.9
Decachlorobiphenyl	9.067	8.971	9.171	44.280	50.000	-11.4
Dieldrin	6.343	6.245	6.445	47.040	50.000	-5.9
Tetrachloro-m-xylene	3.547	3.448	3.648	50.490	50.000	1.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q2795
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/08/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089829.D **Time Analyzed:** 19:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.923	5.825	6.025	57.320	50.000	14.6
4,4'-DDE	5.370	5.271	5.471	56.120	50.000	12.2
4,4'-DDT	6.178	6.079	6.279	48.390	50.000	-3.2
Aldrin	4.365	4.265	4.465	56.940	50.000	13.9
Decachlorobiphenyl	8.066	7.968	8.168	45.750	50.000	-8.5
Dieldrin	5.507	5.409	5.609	55.510	50.000	11.0
Tetrachloro-m-xylene	2.878	2.778	2.978	57.130	50.000	14.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

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.: Q2795

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

Client Sample No. (PEM): PEM - PD089809.D Date Analyzed: 08/08/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:10

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	22.450	20.000	12.3
Tetrachloro-m-xylene	3.547	3.500	3.600	23.610	20.000	18.1
alpha-BHC	3.996	3.950	4.050	11.230	10.000	12.3
beta-BHC	4.513	4.460	4.560	12.370	10.000	23.7
gamma-BHC (Lindane)	4.327	4.280	4.380	11.720	10.000	17.2
Endrin	6.570	6.500	6.640	53.250	50.000	6.5
4,4'-DDT	7.017	6.950	7.090	97.430	100.000	-2.6
Methoxychlor	7.489	7.420	7.560	219.750	250.000	-12.1

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

Client Sample No. (PEM): PEM - PD089809.D Date Analyzed: 08/08/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:10

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.064	7.960	8.160	20.370	20.000	1.9
Tetrachloro-m-xylene	2.877	2.830	2.930	25.360	20.000	26.8
alpha-BHC	3.389	3.340	3.440	13.870	10.000	38.7
beta-BHC	4.021	3.970	4.070	13.880	10.000	38.8
gamma-BHC (Lindane)	3.725	3.670	3.780	13.660	10.000	36.6
Endrin	5.783	5.710	5.850	56.660	50.000	13.3
4,4'-DDT	6.177	6.110	6.250	109.020	100.000	9.0
Methoxychlor	6.748	6.680	6.820	210.340	250.000	-15.9

Analytical Sequence

Client: Kleinfelder

SDG No.: Q2795

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
IBLK	IBLK	08/08/2025	10:57	PD089808.D	9.07	3.55
PEM	PEM	08/08/2025	11:10	PD089809.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/08/2025	13:53	PD089810.D	9.07	3.55
PB169173BL	PB169173BL	08/08/2025	14:51	PD089811.D	9.08	3.56
PB169173BS	PB169173BS	08/08/2025	15:18	PD089812.D	9.08	3.55
IBLK	IBLK	08/08/2025	17:29	PD089820.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/08/2025	17:43	PD089821.D	9.07	3.55
COMP-1	Q2795-01	08/08/2025	18:10	PD089822.D	9.07	3.55
COMP-1MS	Q2795-01MS	08/08/2025	18:24	PD089823.D	9.07	3.55
COMP-1MSD	Q2795-01MSD	08/08/2025	18:37	PD089824.D	9.07	3.55
COMP-2	Q2795-02	08/08/2025	18:51	PD089825.D	9.07	3.55
COMP-3	Q2795-03	08/08/2025	19:05	PD089826.D	9.07	3.55
IBLK	IBLK	08/08/2025	19:32	PD089828.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/08/2025	19:46	PD089829.D	9.07	3.55

Analytical Sequence

Client: Kleinfelder	SDG No.: Q2795	
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 #
LBLK	LBLK	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
LBLK	LBLK	08/08/2025	10:57	PD089808.D	8.07	2.88
PEM	PEM	08/08/2025	11:10	PD089809.D	8.06	2.88
PSTDCCC050	PSTDCCC050	08/08/2025	13:53	PD089810.D	8.07	2.88
PB169173BL	PB169173BL	08/08/2025	14:51	PD089811.D	8.07	2.88
PB169173BS	PB169173BS	08/08/2025	15:18	PD089812.D	8.07	2.88
LBLK	LBLK	08/08/2025	17:29	PD089820.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/08/2025	17:43	PD089821.D	8.07	2.88
COMP-1	Q2795-01	08/08/2025	18:10	PD089822.D	8.07	2.88
COMP-1MS	Q2795-01MS	08/08/2025	18:24	PD089823.D	8.07	2.88
COMP-1MSD	Q2795-01MSD	08/08/2025	18:37	PD089824.D	8.07	2.88
COMP-2	Q2795-02	08/08/2025	18:51	PD089825.D	8.07	2.88
COMP-3	Q2795-03	08/08/2025	19:05	PD089826.D	8.07	2.88
LBLK	LBLK	08/08/2025	19:32	PD089828.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/08/2025	19:46	PD089829.D	8.07	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1MS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Lab Sample ID: Q2795-01MS

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

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	19.7	11.5
	2	5.92	5.87	5.97	22.1	
4,4'-DDT	1	7.02	6.97	7.07	13.8	27
	2	6.18	6.13	6.23	18.1	
Aldrin	1	5.27	5.22	5.32	20.2	11.2
	2	4.36	4.31	4.41	22.6	
4,4'-DDE	1	6.19	6.14	6.24	19.2	15.8
	2	5.37	5.32	5.42	22.5	
Dieldrin	1	6.34	6.29	6.39	17.6	17.1
	2	5.51	5.46	5.56	20.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1MSD

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Lab Sample ID: Q2795-01MSD

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

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	19.9	10
	2	5.93	5.88	5.98	22.0	
4,4'-DDT	1	7.02	6.97	7.07	15.5	23.9
	2	6.18	6.13	6.23	19.7	
Aldrin	1	5.27	5.22	5.32	20.1	11.7
	2	4.36	4.31	4.41	22.6	
4,4'-DDE	1	6.19	6.14	6.24	19.5	13.4
	2	5.37	5.32	5.42	22.3	
Dieldrin	1	6.34	6.29	6.39	18.7	15.8
	2	5.51	5.46	5.56	21.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169173BS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2795

Lab Sample ID: PB169173BS

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

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	6.71	6.66	6.76	15.9	15.1
	2	5.93	5.88	5.98	18.5	
4,4'-DDE	1	6.20	6.15	6.25	15.6	12.6
	2	5.37	5.32	5.42	17.7	
4,4'-DDT	1	7.03	6.98	7.08	13.8	17.2
	2	6.18	6.13	6.23	16.4	
Aldrin	1	5.28	5.23	5.33	16.0	10.1
	2	4.36	4.31	4.41	17.7	
Dieldrin	1	6.35	6.30	6.40	15.5	12.7
	2	5.51	5.46	5.56	17.6	