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

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : GIRARD SCHOOL - PA

KLEINFELDER

180 Sheree Boulevard, Suite 3800

Exton, PA - 19341

Phone No: 610-594-1444

ORDER ID : Q2795

ATTENTION : Mark Warchol

Laboratory Certification ID # 20012

Table Of Contents for Q2795

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Cover Page

Order ID : Q2795

Project ID : Girard School - PA

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q2795-01	COMP-1
Q2795-02	COMP-2
Q2795-03	COMP-3

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Kleinfelder
Project Name: Girard school - PA
Project # N/A
Order ID # Q2795
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.

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Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2795
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BP025360.D met the requirements except for 2,4,6-Tribromophenol. Failed surrogate is not associated with reporting list, therefor no further corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.

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Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Kleinfelder
Project Name: Girard school
Project # N/A
Order ID # Q2795
Test Name: PESTICIDE Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PESTICIDE Group1. This data package contains results for PESTICIDE Group1.

C. Analytical Techniques:
The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of PESTICIDE Group1s was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

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CASE NARRATIVE

Kleinfelder
Project Name: Girard school
Project # N/A
Order ID # Q2795
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2795
Test Name: Mercury,Metals ICP-Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/07/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for Mercury,Metals ICP-Group1.

C. Analytical Techniques:
The analysis of Metals ICP-Group1 was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
Sample COMP-1 was diluted due to high concentrations for Mercury & Sample COMP-2 was diluted due to high concentrations for Mercury & Sample COMP-3 was diluted due to high concentrations for Mercury.
The Blank Spike met requirements for all compounds.
The Duplicate (COMP-6DUP) analysis met criteria for all compounds except for Mercury due to sample matrix interference.
The Duplicate (COMP-6MSD) analysis met criteria for all compounds except for Mercury due to sample matrix interference.
The Matrix Spike (VNJ-231MS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (VNJ-231MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Potassium, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (COMP-6L) met criteria for all compounds except for Mercury due to sample matrix interference.

E. Additional Comments:

The Post Digest Spike (VNJ-231A) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Potassium, Selenium, Silver, Sodium and Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2795
Test Name: Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/07/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium. This data package contains results for Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium.

C. Analytical Techniques:
The analysis of Trivalent Chromium was based on method 6010D, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Anions Group1 was based on method 9056A and The analysis of Ammonia was based on method SM4500-NH3.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike analysis met criteria for all compounds.
The Matrix Spike Duplicate analysis met criteria for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2795

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/19/2025

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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**			**08/07/25**
			VOCMS Group1	8260D			08/07/25	
Q2795-02	**COMP-2**	**SOIL**			**08/06/25**			**08/07/25**
			VOCMS Group1	8260D			08/07/25	
Q2795-03	**COMP-3**	**SOIL**			**08/06/25**			**08/07/25**
			VOCMS Group1	8260D			08/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2795

Client: Kleinfelder

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

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

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:	8260D	% Solid:	82.5
Sample Wt/Vol:	5.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032042.D	1	08/07/25 14:04	VW080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.79	U	0.79	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	5.30	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.30	ug/Kg
79-01-6	Trichloroethene	0.86	U	0.86	5.30	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
1330-20-7	Total Xylenes	2.17	U	2.17	15.9	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	48.2		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	175000	7.965			
540-36-3	1,4-Difluorobenzene	356000	8.849			
3114-55-4	Chlorobenzene-d5	345000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	166000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-2	SDG No.:	Q2795
Lab Sample ID:	Q2795-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.8
Sample Wt/Vol:	5.09 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032043.D	1	08/07/25 14:26	VW080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.91	U	0.91	6.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	6.10	ug/Kg
71-43-2	Benzene	0.96	U	0.96	6.10	ug/Kg
79-01-6	Trichloroethene	0.98	U	0.98	6.10	ug/Kg
108-88-3	Toluene	0.95	U	0.95	6.10	ug/Kg
100-41-4	Ethyl Benzene	0.81	U	0.81	6.10	ug/Kg
1330-20-7	Total Xylenes	2.50	U	2.50	18.3	ug/Kg
98-82-8	Isopropylbenzene	0.95	U	0.95	6.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		70 - 134	93%	SPK: 50
2037-26-5	Toluene-d8	44.7		74 - 123	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.4		17 - 146	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	181000	7.959			
540-36-3	1,4-Difluorobenzene	382000	8.849			
3114-55-4	Chlorobenzene-d5	370000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	182000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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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:	8260D	% Solid:	82
Sample Wt/Vol:	5.56 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032044.D	1	08/07/25 14:48	VW080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.87	U	0.87	5.50	ug/Kg
79-01-6	Trichloroethene	0.89	U	0.89	5.50	ug/Kg
108-88-3	Toluene	0.86	U	0.86	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.50	ug/Kg
1330-20-7	Total Xylenes	2.30	U	2.30	16.5	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	0.86	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	46.4		74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	179000	7.965			
540-36-3	1,4-Difluorobenzene	379000	8.849			
3114-55-4	Chlorobenzene-d5	364000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	172000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2795

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2795-01	COMP-1	1,2-Dichloroethane-d4	50	50.8	102		63	155
		Dibromofluoromethane	50	49.3	99		70	134
		Toluene-d8	50	48.2	96		74	123
		4-Bromofluorobenzene	50	46.5	93		17	146
Q2795-02	COMP-2	1,2-Dichloroethane-d4	50	51.0	102		63	155
		Dibromofluoromethane	50	46.3	93		70	134
		Toluene-d8	50	44.7	89		74	123
		4-Bromofluorobenzene	50	45.4	91		17	146
Q2795-03	COMP-3	1,2-Dichloroethane-d4	50	53.3	107		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	46.4	93		74	123
		4-Bromofluorobenzene	50	46.5	93		17	146
VW0807SBL01	VW0807SBL01	1,2-Dichloroethane-d4	50	50.1	100		63	155
		Dibromofluoromethane	50	47.2	94		70	134
		Toluene-d8	50	45.7	91		74	123
		4-Bromofluorobenzene	50	44.0	88		17	146
VW0807SBS01	VW0807SBS01	1,2-Dichloroethane-d4	50	50.1	100		63	155
		Dibromofluoromethane	50	52.0	104		70	134
		Toluene-d8	50	52.1	104		74	123
		4-Bromofluorobenzene	50	51.1	102		17	146
VW0807SBSD0	VW0807SBSD01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	51.1	102		70	134
		Toluene-d8	50	51.3	103		74	123
		4-Bromofluorobenzene	50	50.5	101		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VW032038.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0807SBS01	cis-1,2-Dichloroethene	20	19.4	ug/Kg	97			82	123	
	1,1,1-Trichloroethane	20	18.5	ug/Kg	93			80	126	
	Benzene	20	20.1	ug/Kg	101			84	121	
	Trichloroethene	20	20.3	ug/Kg	102			83	122	
	Toluene	20	20.5	ug/Kg	103			83	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	39.4	ug/Kg	99			83	124	
	o-Xylene	20	19.8	ug/Kg	99			83	123	
	Isopropylbenzene	20	18.4	ug/Kg	92			82	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VW032039.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0807SBSD01	cis-1,2-Dichloroethene	20	19.5	ug/Kg	98	1		82	123	20
	1,1,1-Trichloroethane	20	18.9	ug/Kg	95	2		80	126	20
	Benzene	20	20.3	ug/Kg	102	1		84	121	20
	Trichloroethene	20	20.4	ug/Kg	102	0		83	122	20
	Toluene	20	20.5	ug/Kg	103	0		83	122	20
	Ethyl Benzene	20	20.1	ug/Kg	101	2		82	124	20
	m/p-Xylenes	40	41.5	ug/Kg	104	5		83	124	20
	o-Xylene	20	19.9	ug/Kg	100	1		83	123	20
	Isopropylbenzene	20	19.3	ug/Kg	97	5		82	124	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0807SBL01

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: VW032037.D Lab Sample ID: VW0807SBL01

Date Analyzed: 08/07/2025 Time Analyzed: 11:10

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0807SBS01	VW0807SBS01	VW032038.D	08/07/2025
VW0807SBSD01	VW0807SBSD01	VW032039.D	08/07/2025
COMP-1	Q2795-01	VW032042.D	08/07/2025
COMP-2	Q2795-02	VW032043.D	08/07/2025
COMP-3	Q2795-03	VW032044.D	08/07/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2795

Lab File ID: VW031890.D | BFB Injection Date: 07/22/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:14

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	51.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	4.8 (7.1) 1
176	95.0 - 101.0% of mass 174	63.8 (95) 1
177	5.0 - 9.0% of mass 176	4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW031891.D	07/22/2025	09:05
VSTDICC010	VSTDICC010	VW031892.D	07/22/2025	09:37
VSTDICC020	VSTDICC020	VW031893.D	07/22/2025	10:17
VSTDICCC050	VSTDICCC050	VW031894.D	07/22/2025	10:39
VSTDICC100	VSTDICC100	VW031895.D	07/22/2025	11:18
VSTDICC150	VSTDICC150	VW031896.D	07/22/2025	12:00

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2795

Lab File ID: VW032035.D | BFB Injection Date: 08/07/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:05

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.5
75	30.0 - 60.0% of mass 95	51.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	64.8
175	5.0 - 9.0% of mass 174	4.8 (7.5) 1
176	95.0 - 101.0% of mass 174	62.4 (96.3) 1
177	5.0 - 9.0% of mass 176	4 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032036.D	08/07/2025	10:08
VW0807SBL01	VW0807SBL01	VW032037.D	08/07/2025	11:10
VW0807SBS01	VW0807SBS01	VW032038.D	08/07/2025	12:20
VW0807SBSD01	VW0807SBSD01	VW032039.D	08/07/2025	12:43
COMP-1	Q2795-01	VW032042.D	08/07/2025	14:04
COMP-2	Q2795-02	VW032043.D	08/07/2025	14:26
COMP-3	Q2795-03	VW032044.D	08/07/2025	14:48

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: VW032036.D Date Analyzed: 08/07/2025

Instrument ID: MSVOA_W Time Analyzed: 10:08

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	218306	7.96	410147	8.84	372672	11.63
UPPER LIMIT	436612	8.459	820294	9.343	745344	12.129
LOWER LIMIT	109153	7.459	205074	8.343	186336	11.129
EPA SAMPLE NO.						
COMP-1	174583	7.97	355865	8.85	344678	11.63
COMP-2	180542	7.96	382094	8.85	370140	11.64
COMP-3	179400	7.97	378554	8.85	363624	11.63
VW0807SBL01	166168	7.95	366099	8.85	354996	11.63
VW0807SBS01	222702	7.97	401808	8.85	364622	11.63
VW0807SBSD01	226447	7.96	405839	8.85	359768	11.63

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: VW032036.D Date Analyzed: 08/07/2025

Instrument ID: MSVOA_W Time Analyzed: 10:08

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	173846	13.556				
UPPER LIMIT	347692	14.056				
LOWER LIMIT	86923	13.056				
EPA SAMPLE NO.						
COMP-1	166074	13.56				
COMP-2	182213	13.56				
COMP-3	171933	13.56				
VW0807SBL01	157487	13.56				
VW0807SBS01	176923	13.56				
VW0807SBSD01	173676	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

 # Column used to flag values outside QC limits with an asterisk.
*** Values outside of QC limits.**

QC SAMPLE DATA

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	VW0807SBL01	SDG No.:	Q2795
Lab Sample ID:	VW0807SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032037.D	1	08/07/25 11:10	VW080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	2.02	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	45.7		74 - 123	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.0		17 - 146	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	166000	7.953			
540-36-3	1,4-Difluorobenzene	366000	8.849			
3114-55-4	Chlorobenzene-d5	355000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	157000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	VW0807SBS01	SDG No.:	Q2795
Lab Sample ID:	VW0807SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032038.D	1	08/07/25 12:20	VW080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	19.4		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	18.5		0.93	5.00	ug/Kg
71-43-2	Benzene	20.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.3		0.81	5.00	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	59.2		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	18.4		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	52.1		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	7.965			
540-36-3	1,4-Difluorobenzene	402000	8.849			
3114-55-4	Chlorobenzene-d5	365000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	177000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	VW0807SBSD01	SDG No.:	Q2795
Lab Sample ID:	VW0807SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032039.D	1	08/07/25 12:43	VW080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	19.5		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	18.9		0.93	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.4		0.81	5.00	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	61.4		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.3		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	51.3		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	7.959			
540-36-3	1,4-Difluorobenzene	406000	8.849			
3114-55-4	Chlorobenzene-d5	360000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	174000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: MSVOA_W Calibration Date(s): 07/22/2025 07/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:05 12:00

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW031891.D RRF010 = VW031892.D RRF020 = VW031893.D
RRF050 = VW031894.D RRF100 = VW031895.D RRF150 = VW031896.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
cis-1,2-Dichloroethene	0.878	0.789	0.821	0.824	0.846	0.831	0.832	3.6
1,1,1-Trichloroethane	1.114	1.017	1.008	1.010	1.009	1.032	1.032	4
Benzene	1.558	1.540	1.565	1.520	1.569	1.517	1.545	1.5
Trichloroethene	0.370	0.372	0.356	0.362	0.375	0.368	0.367	1.8
Toluene	0.992	0.998	1.003	0.979	0.998	0.986	0.993	0.9
Ethyl Benzene	2.167	2.107	2.165	2.226	2.099	2.137	2.150	2.2
m/p-Xylenes	0.808	0.801	0.829	0.823	0.794	0.802	0.809	1.7
o-Xylene	0.734	0.742	0.774	0.796	0.769	0.780	0.766	3.1
Isopropylbenzene	4.192	4.207	4.224	4.405	4.614	4.387	4.338	3.8
1,2-Dichloroethane-d4	0.899	0.744	0.782	0.709	0.717	0.686	0.756	10.2
Dibromofluoromethane	0.358	0.353	0.346	0.326	0.330	0.324	0.340	4.3
Toluene-d8	1.393	1.309	1.327	1.224	1.259	1.204	1.286	5.5
4-Bromofluorobenzene	0.542	0.515	0.516	0.460	0.476	0.452	0.494	7.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG No.: Q2795

Instrument ID: MSVOA_W | Calibration Date/Time: 08/07/2025 10:08

Lab File ID: VW032036.D | Init. Calib. Date(s): 07/22/2025 07/22/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:05 12:00

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
cis-1,2-Dichloroethene	0.832	0.892		7.21	20
1,1,1-Trichloroethane	1.032	1.074		4.07	20
Benzene	1.545	1.630		5.5	20
Trichloroethene	0.367	0.394		7.36	20
Toluene	0.993	1.044		5.14	20
Ethyl Benzene	2.150	2.213		2.93	20
m/p-Xylenes	0.809	0.850		5.07	20
o-Xylene	0.766	0.801		4.57	20
Isopropylbenzene	4.338	4.467		2.97	20
1,2-Dichloroethane-d4	0.756	0.740		-2.12	20
Dibromofluoromethane	0.340	0.347		2.06	20
Toluene-d8	1.286	1.324		2.95	20
4-Bromofluorobenzene	0.494	0.490		-0.81	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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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**			**08/07/25**
			SVOCMS Group1	8270E		08/08/25	08/08/25	
Q2795-02	**COMP-2**	**SOIL**			**08/06/25**			**08/07/25**
			SVOCMS Group1	8270E		08/08/25	08/11/25	
Q2795-03	**COMP-3**	**SOIL**			**08/06/25**			**08/07/25**
			SVOCMS Group1	8270E		08/08/25	08/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2795

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q2795-01	COMP-1	SOIL	Pyrene	110.000	J	43.5	210	ug/Kg
			Total Svoc :	**110.00**				
			Total Concentration:	**110.00**				
Client ID : COMP-2								
Q2795-02	COMP-2	SOIL	Pyrene	86.000	J	44.4	210	ug/Kg
			Total Svoc :	**86.00**				
			Total Concentration:	**86.00**				
Client ID : COMP-3								
Q2795-03	COMP-3	SOIL	Phenanthrene	430.000		25.5	210	ug/Kg
Q2795-03	COMP-3	SOIL	Anthracene	110.000	J	40.6	210	ug/Kg
Q2795-03	COMP-3	SOIL	Pyrene	330.000		43.9	210	ug/Kg
Q2795-03	COMP-3	SOIL	Benzo(a)anthracene	220.000		28	210	ug/Kg
Q2795-03	COMP-3	SOIL	Chrysene	200.000	J	24.2	210	ug/Kg
Q2795-03	COMP-3	SOIL	Benzo(b)fluoranthene	210.000		23.1	210	ug/Kg
Q2795-03	COMP-3	SOIL	Benzo(a)pyrene	170.000	J	35.9	210	ug/Kg
			Total Svoc :	**1,670.00**				
			Total Concentration:	**1,670.00**				

SAMPLE DATA

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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-1	SDG No.:	Q2795
Lab Sample ID:	Q2795-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025333.D	1	08/08/25 09:12	08/08/25 15:11	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.5	U	27.5	210	ug/Kg
86-73-7	Fluorene	30.6	U	30.6	210	ug/Kg
85-01-8	Phenanthrene	25.3	U	25.3	210	ug/Kg
120-12-7	Anthracene	40.3	U	40.3	210	ug/Kg
129-00-0	Pyrene	110	J	43.5	210	ug/Kg
56-55-3	Benzo(a)anthracene	27.8	U	27.8	210	ug/Kg
218-01-9	Chrysene	24.1	U	24.1	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.0	U	23.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.7	U	35.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.2	U	35.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.1	U	31.1	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	46.5		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.9		20 - 109	42%	SPK: 100
1718-51-0	Terphenyl-d14	54.8		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	370000	7.802			
1146-65-2	Naphthalene-d8	1490000	10.572			
15067-26-2	Acenaphthene-d10	927000	14.425			
1517-22-2	Phenanthrene-d10	1790000	17.225			
1719-03-5	Chrysene-d12	1330000	21.66			
1520-96-3	Perylene-d12	1320000	25.048			

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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-1			SDG No.:	Q2795
Lab Sample ID:	Q2795-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82.5
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025333.D	1	08/08/25 09:12	08/08/25 15:11	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-2	SDG No.:	Q2795
Lab Sample ID:	Q2795-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025354.D	1	08/08/25 09:12	08/11/25 18:53	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.0	U	28.0	210	ug/Kg
86-73-7	Fluorene	31.2	U	31.2	210	ug/Kg
85-01-8	Phenanthrene	25.8	U	25.8	210	ug/Kg
120-12-7	Anthracene	41.1	U	41.1	210	ug/Kg
129-00-0	Pyrene	86.0	J	44.4	210	ug/Kg
56-55-3	Benzo(a)anthracene	28.4	U	28.4	210	ug/Kg
218-01-9	Chrysene	24.6	U	24.6	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.5	U	23.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	36.4	U	36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.9	U	35.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.7	U	31.7	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	49.9		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.2		20 - 109	48%	SPK: 100
1718-51-0	Terphenyl-d14	45.7		10 - 105	46%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	254000	7.802			
1146-65-2	Naphthalene-d8	981000	10.572			
15067-26-2	Acenaphthene-d10	575000	14.413			
1517-22-2	Phenanthrene-d10	1110000	17.219			
1719-03-5	Chrysene-d12	1170000	21.654			
1520-96-3	Perylene-d12	1340000	25.03			

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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-2			SDG No.:	Q2795
Lab Sample ID:	Q2795-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	80.8
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025354.D	1	08/08/25 09:12	08/11/25 18:53	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	8270E	% Solid:	82
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025355.D	1	08/08/25 09:12	08/11/25 19:34	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.7	U	27.7	210	ug/Kg
86-73-7	Fluorene	30.8	U	30.8	210	ug/Kg
85-01-8	Phenanthrene	430		25.5	210	ug/Kg
120-12-7	Anthracene	110	J	40.6	210	ug/Kg
129-00-0	Pyrene	330		43.9	210	ug/Kg
56-55-3	Benzo(a)anthracene	220		28.0	210	ug/Kg
218-01-9	Chrysene	200	J	24.2	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		23.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.5	U	35.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.3	U	31.3	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.1		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.1		20 - 109	69%	SPK: 100
1718-51-0	Terphenyl-d14	57.4		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	304000	7.802			
1146-65-2	Naphthalene-d8	1140000	10.572			
15067-26-2	Acenaphthene-d10	611000	14.419			
1517-22-2	Phenanthrene-d10	1040000	17.219			
1719-03-5	Chrysene-d12	1180000	21.66			
1520-96-3	Perylene-d12	1460000	25.042			

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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:	8270E			% Solid:	82
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025355.D	1	08/08/25 09:12	08/11/25 19:34	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2795

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169176BL	PB169176BL	Nitrobenzene-d5	100	86.1	86		18	107
		2-Fluorobiphenyl	100	83.2	83		20	109
		Terphenyl-d14	100	81.9	82		10	105
PB169176BS	PB169176BS	Nitrobenzene-d5	100	84.1	84		18	107
		2-Fluorobiphenyl	100	77.0	77		20	109
		Terphenyl-d14	100	85.0	85		10	105
Q2795-01	COMP-1	Nitrobenzene-d5	100	46.5	47		18	107
		2-Fluorobiphenyl	100	41.9	42		20	109
		Terphenyl-d14	100	54.8	55		10	105
Q2795-02	COMP-2	Nitrobenzene-d5	100	49.9	50		18	107
		2-Fluorobiphenyl	100	48.2	48		20	109
		Terphenyl-d14	100	45.7	46		10	105
Q2795-03	COMP-3	Nitrobenzene-d5	100	72.1	72		18	107
		2-Fluorobiphenyl	100	69.1	69		20	109
		Terphenyl-d14	100	57.4	57		10	105
Q2795-03MS	COMP-3MS	Nitrobenzene-d5	100	59.8	60		18	107
		2-Fluorobiphenyl	100	56.3	56		20	109
		Terphenyl-d14	100	54.1	54		10	105
Q2795-03MSD	COMP-3MSD	Nitrobenzene-d5	100	58.8	59		18	107
		2-Fluorobiphenyl	100	52.9	53		20	109
		Terphenyl-d14	100	53.4	53		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BP025356.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2795-03MS		**Client Sample ID: COMP-3MS**									
Naphthalene	2000	0	1600	ug/Kg	80				51	121	
Fluorene	2000	0	1700	ug/Kg	85				53	118	
Phenanthrene	2000	430	2000	ug/Kg	79				52	128	
Anthracene	2000	110	1800	ug/Kg	85				62	124	
Pyrene	2000	330	1900	ug/Kg	79				37	122	
Benzo(a)anthracene	2000	220	1800	ug/Kg	79				53	119	
Chrysene	2000	200	1800	ug/Kg	80				57	121	
Benzo(b)fluoranthene	2000	210	1700	ug/Kg	75				52	117	
Benzo(a)pyrene	2000	170	1800	ug/Kg	82				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1800	ug/Kg	90				40	129	
Benzo(g,h,i)perylene	2000	0	1800	ug/Kg	90				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BP025357.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2795-03MSD		**Client Sample ID: COMP-3MSD**									
Naphthalene	2000	0	1600	ug/Kg	80	0			51	121	20
Fluorene	2000	0	1700	ug/Kg	85	0			53	118	20
Phenanthrene	2000	430	2000	ug/Kg	79	0			52	128	20
Anthracene	2000	110	1800	ug/Kg	85	0			62	124	20
Pyrene	2000	330	1900	ug/Kg	79	0			37	122	20
Benzo(a)anthracene	2000	220	1800	ug/Kg	79	0			53	119	20
Chrysene	2000	200	1800	ug/Kg	80	0			57	121	20
Benzo(b)fluoranthene	2000	210	1700	ug/Kg	75	0			52	117	20
Benzo(a)pyrene	2000	170	1800	ug/Kg	82	0			70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	1800	ug/Kg	90	0			40	129	20
Benzo(g,h,i)perylene	2000	0	1800	ug/Kg	90	0			24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8270E

Client: Kleinfelder **DataFile:** BP025362.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169176BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169176BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2795

Lab File ID: BP025361.D | Lab Sample ID: PB169176BL

Instrument ID: BNA_P | Date Extracted: 08/08/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/12/2025

Level: (low/med) LOW | Time Analyzed: 10:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169176BS	PB169176BS	BP025362.D	08/12/2025
COMP-1	Q2795-01	BP025333.D	08/08/2025
COMP-2	Q2795-02	BP025354.D	08/11/2025
COMP-3	Q2795-03	BP025355.D	08/11/2025
COMP-3MS	Q2795-03MS	BP025356.D	08/11/2025
COMP-3MSD	Q2795-03MSD	BP025357.D	08/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: BP025297.D DFTPP Injection Date: 08/05/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	78.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025298.D	08/05/2025	12:03
SSTDICC005	SSTDICC005	BP025299.D	08/05/2025	12:44
SSTDICC010	SSTDICC010	BP025300.D	08/05/2025	13:25
SSTDICC020	SSTDICC020	BP025301.D	08/05/2025	14:06
SSTDICCC040	SSTDICCC040	BP025302.D	08/05/2025	14:47
SSTDICC050	SSTDICC050	BP025303.D	08/05/2025	15:28
SSTDICC060	SSTDICC060	BP025304.D	08/05/2025	16:10
SSTDICC080	SSTDICC080	BP025305.D	08/05/2025	16:51

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: BP025325.D DFTPP Injection Date: 08/08/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	78.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.6 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025326.D	08/08/2025	10:15
COMP-1	Q2795-01	BP025333.D	08/08/2025	15:11

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: BP025342.D DFTPP Injection Date: 08/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	79.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025343.D	08/11/2025	11:08
COMP-2	Q2795-02	BP025354.D	08/11/2025	18:53
COMP-3	Q2795-03	BP025355.D	08/11/2025	19:34
COMP-3MS	Q2795-03MS	BP025356.D	08/11/2025	20:16
COMP-3MSD	Q2795-03MSD	BP025357.D	08/11/2025	20:58

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: BP025359.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	79.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025360.D	08/12/2025	10:07
PB169176BL	PB169176BL	BP025361.D	08/12/2025	10:49
PB169176BS	PB169176BS	BP025362.D	08/12/2025	11:30

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID : SSTDCCC040 Date Analyzed: 08/08/2025

Lab File ID: BP025326.D Time Analyzed: 10:15

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	240709	7.802	976682	10.57	575605	14.42
	UPPER LIMIT	481418	8.302	1953360	11.072	1151210	14.919
	LOWER LIMIT	120355	7.302	488341	10.072	287803	13.919
	EPA SAMPLE NO.						
01	COMP-1	369826	7.80	1487910	10.57	927347	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID: SSTDCCC040 Date Analyzed: 08/08/2025

Lab File ID: BP025326.D Time Analyzed: 10:15

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1048510	17.225	989888	21.666	1196040	25.059
	UPPER LIMIT	2097020	17.725	1979780	22.166	2392080	25.559
	LOWER LIMIT	524255	16.725	494944	21.166	598020	24.559
	EPA SAMPLE NO.						
01	COMP-1	1790890	17.23	1327270	21.66	1321270	25.05

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID : SSTDCCC040 Date Analyzed: 08/11/2025

Lab File ID: BP025343.D Time Analyzed: 11:08

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	216631	7.796	873095	10.57	558968	14.42
	UPPER LIMIT	433262	8.296	1746190	11.072	1117940	14.919
	LOWER LIMIT	108316	7.296	436548	10.072	279484	13.919
	EPA SAMPLE NO.						
01	COMP-2	253745	7.80	980792	10.57	574975	14.41
02	COMP-3	303985	7.80	1143420	10.57	611493	14.42
03	COMP-3MS	295927	7.80	1140320	10.57	664800	14.42
04	COMP-3MSD	259630	7.80	1001310	10.57	612787	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID: SSTDCCC040 Date Analyzed: 08/11/2025

Lab File ID: BP025343.D Time Analyzed: 11:08

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1086110	17.219	1099610	21.654	1235980	25.042
	UPPER LIMIT	2172220	17.719	2199220	22.154	2471960	25.542
	LOWER LIMIT	543055	16.719	549805	21.154	617990	24.542
	EPA SAMPLE NO.						
01	COMP-2	1110380	17.22	1168730	21.65	1336530	25.03
02	COMP-3	1041460	17.22	1178180	21.66	1457050	25.04
03	COMP-3MS	1234290	17.21	1203350	21.65	1428300	25.02
04	COMP-3MSD	1190900	17.22	1224890	21.65	1454700	25.02

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID : SSTDCCC040 Date Analyzed: 08/12/2025

Lab File ID: BP025360.D Time Analyzed: 10:07

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	195999	7.796	806810	10.58	510213	14.43
	UPPER LIMIT	391998	8.296	1613620	11.078	1020430	14.931
	LOWER LIMIT	97999.5	7.296	403405	10.078	255107	13.931
	EPA SAMPLE NO.						
01	PB169176BL	197203	7.80	745124	10.57	423004	14.42
02	PB169176BS	223200	7.80	886480	10.57	559934	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID: SSTDCCC040 Date Analyzed: 08/12/2025

Lab File ID: BP025360.D Time Analyzed: 10:07

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	980228	17.225	1004810	21.672	1173450	25.065
	UPPER LIMIT	1960460	17.725	2009620	22.172	2346900	25.565
	LOWER LIMIT	490114	16.725	502405	21.172	586725	24.565
	EPA SAMPLE NO.						
01	PB169176BL	795112	17.23	877135	21.67	1062240	25.05
02	PB169176BS	1136520	17.23	1132010	21.67	1223220	25.05

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BL			SDG No.:	Q2795
Lab Sample ID:	PB169176BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025361.D	1	08/08/25 09:12	08/12/25 10:49	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	86.1		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.2		20 - 109	83%	SPK: 100
1718-51-0	Terphenyl-d14	81.9		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	197000	7.796			
1146-65-2	Naphthalene-d8	745000	10.572			
15067-26-2	Acenaphthene-d10	423000	14.419			
1517-22-2	Phenanthrene-d10	795000	17.225			
1719-03-5	Chrysene-d12	877000	21.672			
1520-96-3	Perylene-d12	1060000	25.048			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BL			SDG No.:	Q2795
Lab Sample ID:	PB169176BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025361.D	1	08/08/25 09:12	08/12/25 10:49	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BS			SDG No.:	Q2795
Lab Sample ID:	PB169176BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025362.D	1	08/08/25 09:12	08/12/25 11:30	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	84.1		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.0		20 - 109	77%	SPK: 100
1718-51-0	Terphenyl-d14	85.0		10 - 105	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	223000	7.796			
1146-65-2	Naphthalene-d8	886000	10.572			
15067-26-2	Acenaphthene-d10	560000	14.425			
1517-22-2	Phenanthrene-d10	1140000	17.225			
1719-03-5	Chrysene-d12	1130000	21.666			
1520-96-3	Perylene-d12	1220000	25.054			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BS			SDG No.:	Q2795
Lab Sample ID:	PB169176BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025362.D	1	08/08/25 09:12	08/12/25 11:30	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-3MS	SDG No.:	Q2795
Lab Sample ID:	Q2795-03MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025356.D	1	08/08/25 09:12	08/11/25 20:16	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		27.6	210	ug/Kg
86-73-7	Fluorene	1700		30.8	210	ug/Kg
85-01-8	Phenanthrene	2000		25.4	210	ug/Kg
120-12-7	Anthracene	1800		40.5	210	ug/Kg
129-00-0	Pyrene	1900		43.8	210	ug/Kg
56-55-3	Benzo(a)anthracene	1800		28.0	210	ug/Kg
218-01-9	Chrysene	1800		24.2	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		23.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1800		35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		35.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		31.2	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	59.8		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.3		20 - 109	56%	SPK: 100
1718-51-0	Terphenyl-d14	54.1		10 - 105	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	296000	7.796			
1146-65-2	Naphthalene-d8	1140000	10.572			
15067-26-2	Acenaphthene-d10	665000	14.419			
1517-22-2	Phenanthrene-d10	1230000	17.213			
1719-03-5	Chrysene-d12	1200000	21.654			
1520-96-3	Perylene-d12	1430000	25.024			

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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-3MS			SDG No.:	Q2795
Lab Sample ID:	Q2795-03MS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025356.D	1	08/08/25 09:12	08/11/25 20:16	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-3MSD	SDG No.:	Q2795
Lab Sample ID:	Q2795-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025357.D	1	08/08/25 09:12	08/11/25 20:58	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		27.6	210	ug/Kg
86-73-7	Fluorene	1700		30.8	210	ug/Kg
85-01-8	Phenanthrene	2000		25.4	210	ug/Kg
120-12-7	Anthracene	1800		40.5	210	ug/Kg
129-00-0	Pyrene	1900		43.8	210	ug/Kg
56-55-3	Benzo(a)anthracene	1800		28.0	210	ug/Kg
218-01-9	Chrysene	1800		24.2	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		23.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1800		35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		35.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		31.3	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	58.8		18 - 107	59%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.9		20 - 109	53%	SPK: 100
1718-51-0	Terphenyl-d14	53.4		10 - 105	53%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	260000	7.796			
1146-65-2	Naphthalene-d8	1000000	10.572			
15067-26-2	Acenaphthene-d10	613000	14.425			
1517-22-2	Phenanthrene-d10	1190000	17.219			
1719-03-5	Chrysene-d12	1220000	21.654			
1520-96-3	Perylene-d12	1450000	25.024			

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-3MSD			SDG No.:	Q2795
Lab Sample ID:	Q2795-03MSD			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025357.D	1	08/08/25 09:12	08/11/25 20:58	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025298.D 5 =BP025299.D 10 =BP025300.D 20 =BP025301.D 40 =BP025302.D 50 =BP025303.D 60 =BP025304.D 80 =BP025305.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.536	0.502	0.479	0.481	0.495	0.482	0.460	0.491	4.85
3)		Pyridine		1.368	1.344	1.341	1.340	1.407	1.397	1.347	1.363	2.06
4)		n-Nitrosodimet...			0.607	0.627	0.611	0.661	0.656	0.636	0.633	3.51
5)	S	2-Fluorophenol	1.187	1.248	1.220	1.251	1.233	1.297	1.287	1.225	1.244	2.88
6)		Aniline		2.182	2.099	2.208	2.218	2.385	2.403	2.231	2.247	4.88
7)	S	Phenol-d6	1.535	1.587	1.583	1.648	1.632	1.734	1.744	1.629	1.637	4.44
8)		2-Chlorophenol		1.251	1.264	1.355	1.350	1.451	1.463	1.394	1.361	6.09
9)		Benzaldehyde			1.132	1.083	1.402	1.409	1.095	0.852	1.162	18.31
10)	C	Phenol		1.694	1.677	1.728	1.731	1.844	1.859	1.725	1.751	4.08
11)		bis(2-Chloroet...		1.389	1.311	1.360	1.337	1.440	1.440	1.328	1.372	3.83
12)		1,3-Dichlorobe...		1.591	1.515	1.526	1.473	1.575	1.556	1.469	1.529	3.13
13)	C	1,4-Dichlorobe...		1.613	1.509	1.536	1.508	1.601	1.579	1.484	1.547	3.27
14)		1,2-Dichlorobe...		1.562	1.451	1.490	1.455	1.551	1.538	1.445	1.499	3.39
15)		Benzyl Alcohol			1.130	1.229	1.244	1.359	1.381	1.268	1.269	7.25
16)		2,2'-oxybis(1-...		2.272	2.091	2.159	2.107	2.251	2.258	2.033	2.167	4.37
17)		2-Methylphenol		1.093	1.085	1.156	1.176	1.253	1.264	1.175	1.172	5.95
18)		Hexachloroethane		0.563	0.532	0.540	0.540	0.572	0.577	0.550	0.553	3.17
19)	P	n-Nitroso-di-n...	0.989	1.103	1.026	1.062	1.080	1.146	1.171	1.024	1.075	5.84
20)		3+4-Methylphenols			1.447	1.566	1.587	1.713	1.754	1.613	1.613	6.80
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.524	0.498	0.510	0.493	0.517	0.501	0.472	0.502	3.44
23)	S	Nitrobenzene-d5	0.300	0.324	0.334	0.375	0.374	0.407	0.394	0.379	0.361	10.24
24)		Nitrobenzene		0.311	0.312	0.347	0.344	0.373	0.359	0.346	0.342	6.69
25)		Isophorone		0.727	0.682	0.702	0.713	0.759	0.756	0.691	0.719	4.22
26)	C	2-Nitrophenol		0.082	0.085	0.115	0.128	0.149	0.156	0.163	0.126	26.35
27)		2,4-Dimethylph...		0.380	0.319	0.308	0.324	0.342	0.335	0.311	0.331	7.40
28)		bis(2-Chloroet...		0.457	0.415	0.437	0.431	0.457	0.450	0.413	0.437	4.28
29)	C	2,4-Dichloroph...		0.249	0.259	0.293	0.296	0.317	0.315	0.300	0.290	9.05
30)		1,2,4-Trichlor...		0.328	0.312	0.324	0.312	0.334	0.321	0.309	0.320	2.92
31)		Naphthalene		1.093	1.014	1.044	1.017	1.075	1.049	0.977	1.038	3.77
32)		Benzoic acid			0.070	0.127	0.169	0.191	0.217	0.233	0.168	36.22
33)		4-Chloroaniline		0.449	0.435	0.460	0.459	0.495	0.482	0.453	0.462	4.41
34)	C	Hexachlorobuta...		0.191	0.178	0.185	0.180	0.188	0.185	0.180	0.184	2.60
35)		Caprolactam			0.095	0.105	0.115	0.122	0.124	0.113	0.113	9.54
36)	C	4-Chloro-3-met...		0.310	0.303	0.327	0.341	0.368	0.363	0.338	0.336	7.31
37)		2-Methylnaphth...		0.697	0.653	0.665	0.656	0.701	0.688	0.644	0.672	3.41
38)		1-Methylnaphth...		0.742	0.683	0.703	0.684	0.739	0.706	0.650	0.701	4.63

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M

39)	I	Acenaphthene-d10	----------ISTD----------									
40)		1,2,4,5-Tetrac...		0.551	0.530	0.564	0.547	0.557	0.542	0.532	0.546	2.32
41)	P	Hexachlorocycl...			0.291	0.324	0.331	0.358	0.355	0.363	0.337	8.13
42)	S	2,4,6-Tribromo...	0.151	0.171	0.182	0.210	0.212	0.229	0.225	0.215	0.200	14.11
43)	C	2,4,6-Trichlor...		0.279	0.301	0.359	0.367	0.395	0.386	0.383	0.353	12.75
44)		2,4,5-Trichlor...		0.310	0.342	0.408	0.412	0.437	0.438	0.423	0.396	12.56
45)	S	2-Fluorobiphenyl	1.502	1.551	1.453	1.479	1.444	1.464	1.389	1.303	1.448	5.17
46)		1,1'-Biphenyl		1.518	1.461	1.524	1.449	1.517	1.454	1.395	1.474	3.26
47)		2-Chloronaphth...		1.138	1.098	1.157	1.106	1.159	1.124	1.089	1.124	2.50
48)		2-Nitroaniline		0.187	0.212	0.287	0.308	0.344	0.341	0.337	0.288	22.33
49)		Acenaphthylene		1.859	1.841	1.901	1.868	1.971	1.890	1.800	1.876	2.86
50)		Dimethylphthalate		1.522	1.403	1.470	1.431	1.532	1.474	1.373	1.458	4.05
51)		2,6-Dinitrotol...		0.178	0.217	0.278	0.287	0.308	0.309	0.304	0.269	19.03
52)	C	Acenaphthene		1.164	1.120	1.156	1.114	1.201	1.147	1.107	1.144	2.92
53)		3-Nitroaniline		0.217	0.256	0.317	0.333	0.362	0.360	0.359	0.315	18.17
54)	P	2,4-Dinitrophenol			0.059	0.080	0.095	0.117	0.129	0.149	0.105	31.45
55)		Dibenzofuran		1.804	1.711	1.735	1.681	1.762	1.700	1.574	1.710	4.25
56)	P	4-Nitrophenol			0.199	0.270	0.284	0.308	0.308	0.298	0.278	14.89
57)		2,4-Dinitrotol...		0.213	0.257	0.361	0.390	0.431	0.432	0.430	0.359	25.01
58)		Fluorene		1.500	1.398	1.379	1.316	1.360	1.284	1.163	1.343	7.79
59)		2,3,4,6-Tetrac...		0.262	0.286	0.339	0.344	0.366	0.366	0.351	0.331	12.26
60)		Diethylphthalate		1.518	1.416	1.498	1.440	1.528	1.508	1.381	1.470	3.91
61)		4-Chlorophenyl...		0.722	0.638	0.651	0.631	0.642	0.614	0.558	0.637	7.67
62)		4-Nitroaniline		0.227	0.263	0.324	0.338	0.348	0.344	0.339	0.312	15.24
63)		Azobenzene		1.412	1.340	1.375	1.351	1.400	1.376	1.306	1.366	2.67
64)	I	Phenanthrene-d10	----------ISTD----------									
65)		4,6-Dinitro-2-...			0.041	0.063	0.075	0.093	0.102	0.107	0.080	31.69
66)	c	n-Nitrosodiphe...		0.606	0.601	0.618	0.605	0.638	0.624	0.572	0.609	3.40
67)		4-Bromophenyl-...		0.200	0.194	0.202	0.199	0.211	0.208	0.194	0.201	3.31
68)		Hexachlorobenzene		0.232	0.222	0.224	0.220	0.233	0.231	0.218	0.226	2.78
69)		Atrazine		0.201	0.199	0.218	0.212	0.231	0.229	0.209	0.214	5.78
70)	C	Pentachlorophenol			0.104	0.139	0.144	0.161	0.160	0.156	0.144	14.88
71)		Phenanthrene		1.161	1.101	1.097	1.073	1.132	1.097	1.007	1.095	4.40
72)		Anthracene		1.104	1.093	1.129	1.095	1.151	1.143	1.017	1.105	4.08
73)		Carbazole		1.062	1.069	1.086	1.052	1.101	1.067	0.985	1.060	3.46
74)		Di-n-butylphth...		1.198	1.188	1.337	1.290	1.376	1.369	1.221	1.283	6.30
75)	C	Fluoranthene		1.321	1.288	1.291	1.252	1.314	1.268	1.143	1.268	4.74
76)	I	Chrysene-d12	----------ISTD----------									
77)		Benzidine			0.668	0.762	0.970	0.726	0.642	0.574	0.724	18.96
78)		Pyrene		1.321	1.314	1.350	1.289	1.406	1.348	1.282	1.330	3.21
79)	S	Terphenyl-d14	1.060	1.140	1.083	1.096	1.046	1.082	1.017	0.947	1.059	5.47
80)		Butylbenzylpht...		0.399	0.413	0.554	0.565	0.627	0.631	0.586	0.539	17.70
81)		Benzo(a)anthra...		1.346	1.308	1.357	1.302	1.382	1.349	1.260	1.329	3.11
82)		3,3'-Dichlorob...			0.414	0.484	0.473	0.501	0.481	0.461	0.469	6.39
83)		Chrysene		1.257	1.193	1.257	1.217	1.289	1.250	1.165	1.233	3.49
84)		Bis(2-ethylhex...		0.735	0.713	0.903	0.892	0.939	0.965	0.882	0.861	11.39
85)	c	Di-n-octyl pht...			1.011	1.434	1.502	1.543	1.634	1.526	1.442	15.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.374	1.302	1.436	1.443	1.546	1.494	1.440	1.434	5.50
88)		Benzo(b)fluora...	1.182	1.151	1.194	1.179	1.290	1.217	1.168	1.197	3.82
89)		Benzo(k)fluora...	1.191	1.145	1.189	1.171	1.264	1.210	1.139	1.187	3.56
90)	C	Benzo(a)pyrene	1.116	1.108	1.148	1.151	1.229	1.190	1.129	1.153	3.74
91)		Dibenzo(a,h)an...	1.135	1.077	1.166	1.185	1.261	1.219	1.175	1.174	5.02
92)		Benzo(g,h,i)pe...	1.126	1.051	1.149	1.153	1.243	1.186	1.157	1.152	5.04

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: BNA_P Calibration Date/Time: 08/08/2025 10:15

Lab File ID: BP025326.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.183		-4.9	
Phenol-d6	1.637	1.479		-9.7	
Nitrobenzene-d5	0.361	0.373		3.3	
Naphthalene	1.038	0.990		-4.6	
2-Fluorobiphenyl	1.448	1.428		-1.4	
Fluorene	1.343	1.253		-6.7	
2,4,6-Tribromophenol	0.200	0.213		6.5	
Phenanthrene	1.095	1.069		-2.4	
Anthracene	1.105	1.075		-2.7	
Pyrene	1.330	1.312		-1.4	
Terphenyl-d14	1.059	1.055		-0.4	
Benzo(a)anthracene	1.329	1.294		-2.6	
Chrysene	1.233	1.206		-2.2	
Benzo(b)fluoranthene	1.197	1.131		-5.5	
Benzo(a)pyrene	1.153	1.118		-3.0	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.418		-1.1	
Benzo(g,h,i)perylene	1.152	1.128		-2.1	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: BNA_P Calibration Date/Time: 08/11/2025 11:08

Lab File ID: BP025343.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.237		-0.6	
Phenol-d6	1.637	1.492		-8.9	
Nitrobenzene-d5	0.361	0.389		7.8	
Naphthalene	1.038	1.037		-0.1	
2-Fluorobiphenyl	1.448	1.480		2.2	
Fluorene	1.343	1.371		2.1	
2,4,6-Tribromophenol	0.200	0.238		19.0	
Phenanthrene	1.095	1.120		2.3	
Anthracene	1.105	1.143		3.4	
Pyrene	1.330	1.327		-0.2	
Terphenyl-d14	1.059	1.092		3.1	
Benzo(a)anthracene	1.329	1.329		0.0	
Chrysene	1.233	1.262		2.4	
Benzo(b)fluoranthene	1.197	1.200		0.3	
Benzo(a)pyrene	1.153	1.183		2.6	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.485		3.6	
Benzo(g,h,i)perylene	1.152	1.200		4.2	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: BNA_P Calibration Date/Time: 08/12/2025 10:07

Lab File ID: BP025360.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.253		0.7	
Phenol-d6	1.637	1.559		-4.8	
Nitrobenzene-d5	0.361	0.396		9.7	
Naphthalene	1.038	1.049		1.1	
2-Fluorobiphenyl	1.448	1.461		0.9	
Fluorene	1.343	1.351		0.6	
2,4,6-Tribromophenol	0.200	0.248		24.0	
Phenanthrene	1.095	1.119		2.2	
Anthracene	1.105	1.153		4.3	
Pyrene	1.330	1.316		-1.1	
Terphenyl-d14	1.059	1.074		1.4	
Benzo(a)anthracene	1.329	1.325		-0.3	
Chrysene	1.233	1.250		1.4	
Benzo(b)fluoranthene	1.197	1.187		-0.8	
Benzo(a)pyrene	1.153	1.171		1.6	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.490		3.9	
Benzo(g,h,i)perylene	1.152	1.185		2.9	

All other compounds must meet a minimum RRF of 0.010.

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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**			**08/07/25**
			PCB Group1	8082A		08/08/25	08/08/25	
			PESTICIDE Group1	8081B		08/08/25	08/08/25	
Q2795-02	**COMP-2**	**SOIL**			**08/06/25**			**08/07/25**
			PCB Group1	8082A		08/08/25	08/08/25	
			PESTICIDE Group1	8081B		08/08/25	08/08/25	
Q2795-03	**COMP-3**	**SOIL**			**08/06/25**			**08/07/25**
			PCB Group1	8082A		08/08/25	08/08/25	
			PESTICIDE Group1	8081B		08/08/25	08/08/25	

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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

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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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-1	SDG No.:	Q2795
Lab Sample ID:	Q2795-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.5 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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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-2	SDG No.:	Q2795
Lab Sample ID:	Q2795-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	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 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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:

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

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

QC SUMMARY

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Surrogate Summary

SDG No.: Q2795

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) 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

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Surrogate Summary

SDG No.: Q2795

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) 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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8081B

Client: Kleinfelder **DataFile :** PD089823.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits 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	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8081B

Client: Kleinfelder **DataFile :** PD089824.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits 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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8081B

Client: Kleinfelder **Datafile :** PD089812.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
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	

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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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Comments:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Comments:

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

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

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Fax : 908 789 8922

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Comments:

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N = Presumptive Evidence of a Compound
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D = Dilution
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() = Laboratory InHouse Limit

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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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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
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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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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-PD089828.D	SDG No.:	Q2795
Lab Sample ID:	I.BLK-PD089828.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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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 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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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-1MS	SDG No.:	Q2795
Lab Sample ID:	Q2795-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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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 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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
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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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CALIBRATION SUMMARY

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RETENTION TIMES 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: RT 100 = PD089688.D RT 075 = PD089689.D
RT 050 = PD089690.D RT 025 = PD089691.D RT 005 = PD089692.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
Decachlorobiphenyl	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Dieldrin	6.35	6.35	6.35	6.34	6.35	6.34	6.24	6.44
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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RETENTION TIMES OF INITIAL CALIBRATION

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: RT 100 = PD089688.D RT 075 = PD089689.D
RT 050 = PD089690.D RT 025 = PD089691.D RT 005 = PD089692.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.18	6.18	6.18	6.18	6.18	6.18	6.08	6.28
Aldrin	4.37	4.37	4.37	4.37	4.37	4.36	4.26	4.46
Decachlorobiphenyl	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Dieldrin	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98

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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 =** PD089688.D **CF 075 =** PD089689.D
CF 050 = PD089690.D **CF 025 =** PD089691.D **CF 005 =** PD089692.D

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

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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 =** PD089688.D **CF 075 =** PD089689.D
CF 050 = PD089690.D **CF 025 =** PD089691.D **CF 005 =** PD089692.D

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

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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 FROM	RT WINDOW TO	CALIBRATION FACTOR
		1				
		2				
		3				
		4				
		5				

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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	RT WINDOW 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

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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-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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	RT WINDOW 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

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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	RT WINDOW 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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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	RT WINDOW 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

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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	RT WINDOW 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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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 #
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	08/08/2025	19:32	PD089828.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/08/2025	19:46	PD089829.D	9.07	3.55

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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 #
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	08/08/2025	19:32	PD089828.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/08/2025	19:46	PD089829.D	8.07	2.88

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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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
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	

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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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
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	

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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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
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	

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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**			**08/07/25**
			PCB Group1	8082A		08/08/25	08/08/25	
			PESTICIDE Group1	8081B		08/08/25	08/08/25	
Q2795-02	**COMP-2**	**SOIL**			**08/06/25**			**08/07/25**
			PCB Group1	8082A		08/08/25	08/08/25	
			PESTICIDE Group1	8081B		08/08/25	08/08/25	
Q2795-03	**COMP-3**	**SOIL**			**08/06/25**			**08/07/25**
			PCB Group1	8082A		08/08/25	08/08/25	
			PESTICIDE Group1	8081B		08/08/25	08/08/25	

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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
Client ID :								
			Total Concentration:	**0.000**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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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-1	SDG No.:	Q2795
Lab Sample ID:	Q2795-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.5 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074292.D	1	08/08/25 08:42	08/08/25 13:46	PB169172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.5	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.5	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.7		32 - 144	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		32 - 175	90%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	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:	8082A	% Solid:	80.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074293.D	1	08/08/25 08:42	08/08/25 14:02	PB169172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.0	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.0	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.3		32 - 144	122%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		32 - 175	100%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	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:	8082A	% Solid:	82 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074294.D	1	08/08/25 08:42	08/08/25 14:18	PB169172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.9		32 - 144	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		32 - 175	101%	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

QC SUMMARY

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Surrogate Summary

SDG No.: Q2795

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP074167.D	PIBLK-PP074167.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	19.7	98		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140
		Decachlorobiphen	2	20	18.7	93		60	140
I.BLK-PP074285.D	PIBLK-PP074285.D	Tetrachloro-m-xyl	1	20	21.3	106		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	18.5	93		60	140
		Decachlorobiphen	2	20	17.4	87		60	140
PB169172BL	PB169172BL	Tetrachloro-m-xyl	1	20	22.6	113		32	144
		Decachlorobiphen	1	20	22.2	111		32	175
		Tetrachloro-m-xyl	2	20	21.1	106		32	144
		Decachlorobiphen	2	20	19.6	98		32	175
PB169172BS	PB169172BS	Tetrachloro-m-xyl	1	20	23.0	115		32	144
		Decachlorobiphen	1	20	21.5	107		32	175
		Tetrachloro-m-xyl	2	20	20.1	101		32	144
		Decachlorobiphen	2	20	19.0	95		32	175
Q2793-01MS	VNJ-231MS	Tetrachloro-m-xyl	1	20	26.2	131		32	144
		Decachlorobiphen	1	20	23.5	118		32	175
		Tetrachloro-m-xyl	2	20	23.6	118		32	144
		Decachlorobiphen	2	20	20.0	100		32	175
Q2793-01MSD	VNJ-231MSD	Tetrachloro-m-xyl	1	20	25.7	129		32	144
		Decachlorobiphen	1	20	22.7	113		32	175
		Tetrachloro-m-xyl	2	20	23.4	117		32	144
		Decachlorobiphen	2	20	20.4	102		32	175
Q2795-01	COMP-1	Tetrachloro-m-xyl	1	20	22.7	113		32	144
		Decachlorobiphen	1	20	18.0	90		32	175
		Tetrachloro-m-xyl	2	20	20.9	105		32	144
		Decachlorobiphen	2	20	15.9	79		32	175
Q2795-02	COMP-2	Tetrachloro-m-xyl	1	20	24.3	122		32	144
		Decachlorobiphen	1	20	20.0	100		32	175
		Tetrachloro-m-xyl	2	20	22.6	113		32	144
		Decachlorobiphen	2	20	17.3	87		32	175
Q2795-03	COMP-3	Tetrachloro-m-xyl	1	20	23.9	119		32	144
		Decachlorobiphen	1	20	20.3	101		32	175
		Tetrachloro-m-xyl	2	20	21.9	110		32	144
		Decachlorobiphen	2	20	18.4	92		32	175
I.BLK-PP074300.D	PIBLK-PP074300.D	Tetrachloro-m-xyl	1	20	20.0	100		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.9	89		60	140
		Decachlorobiphen	2	20	16.8	84		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8082A

Client: Kleinfelder **DataFile :** PP074290.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2793-01MS (Column 1)**	**Client Sample ID:**		**VNJ-231MS**								
	AR1016	179.6	0	214	ug/kg	119				55	146	
	AR1260	179.6	0	193	ug/kg	107				54	119	
Lab Sample ID:	**Q2793-01MS (Column 2)**	**Client Sample ID:**		**VNJ-231MS**								
	AR1016	179.6	0	218	ug/kg	121				55	146	
	AR1260	179.6	0	197	ug/kg	110				54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8082A

Client: Kleinfelder **DataFile :** PP074291.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2793-01MSD (Column 1)**	**Client Sample ID:**		**VNJ-231MSD**								
	AR1016	179.7	0	204	ug/kg	114		4		55	146	15
	AR1260	179.7	0	202	ug/kg	112		5		54	119	15
Lab Sample ID:	**Q2793-01MSD (Column 2)**	**Client Sample ID:**		**VNJ-231MSD**								
	AR1016	179.7	0	216	ug/kg	120		1		55	146	15
	AR1260	179.7	0	194	ug/kg	108		2		54	119	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8082A

Client: Kleinfelder **Datafile :** PP074288.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169172BS (Column 1)	AR1016	166.5	173	ug/kg	104				71	120	
	AR1260	166.5	155	ug/kg	93				65	130	
PB169172BS (Column 2)	AR1016	166.5	175	ug/kg	105				71	120	
	AR1260	166.5	166	ug/kg	100				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169172BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2795

Lab Sample ID: PB169172BL | Lab File ID: PP074287.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): 12:25 | Time Analyzed (2): 12:25

Instrument ID (1): ECD_P | Instrument ID (2): ECD_P

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
PB169172BS	PB169172BS	PP074288.D	08/08/2025	08/08/2025
VNJ-231MS	Q2793-01MS	PP074290.D	08/08/2025	08/08/2025
VNJ-231MSD	Q2793-01MSD	PP074291.D	08/08/2025	08/08/2025
COMP-1	Q2795-01	PP074292.D	08/08/2025	08/08/2025
COMP-2	Q2795-02	PP074293.D	08/08/2025	08/08/2025
COMP-3	Q2795-03	PP074294.D	08/08/2025	08/08/2025

COMMENTS:

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P
Contract: POWE02
SDG NO.: Q2795
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D
RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.84	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1016-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.29	6.29	6.29	6.28	6.29	6.29	6.19	6.39
Aroclor-1260-1	(1)	7.40	7.41	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.66	7.66	7.66	7.65	7.66	7.66	7.56	7.76
Aroclor-1260-3	(3)	8.01	8.02	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Decachlorobiphenyl		10.44	10.44	10.43	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.43	10.43	10.43	10.43	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2795

Instrument ID: ECD_P **Calibration Date(s):** 08/01/2025 08/01/2025

Calibration Times: 12:05 20:28

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

LAB FILE ID: RT 1000 = PP074168.D RT 750 = PP074169.D

RT 500 = PP074170.D RT 250 = PP074171.D RT 050 = PP074172.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.91	4.90	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1016-2	(2)	4.96	4.96	4.96	4.97	4.97	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.09	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.13	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.34	5.34	5.34	5.34	5.34	5.34	5.24	5.44
Aroclor-1260-1	(1)	6.56	6.55	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1260-2	(2)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1260-3	(3)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Aroclor-1260-4	(4)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Aroclor-1260-5	(5)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene		3.81	3.80	3.81	3.81	3.80	3.81	3.71	3.91
Decachlorobiphenyl		8.83	8.82	8.83	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.81	3.81	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-2	(2)	5.84	5.84	5.83	5.83	5.84	5.84	5.74	5.94
Aroclor-1254-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.88	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.81	3.80	3.80	3.80	3.80	3.80	3.70	3.90

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: POWE02
SDG NO.: Q2795
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID: CF 1000 = PP074168.D CF 750 = PP074169.D
CF 500 = PP074170.D CF 250 = PP074171.D CF 050 = PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	35273925	37423669	39112938	43859036	50614460	41256806	14
Aroclor-1016-2	(2)	51795728	55199127	58347288	64689960	73676540	60741729	13
Aroclor-1016-3	(3)	33422245	35685564	37869938	42702196	48622620	39660513	14
Aroclor-1016-4	(4)	27792815	29586895	31487664	35862436	37992560	32544474	12
Aroclor-1016-5	(5)	27690329	29450228	31441930	35606544	38151200	32468046	13
Aroclor-1260-1	(1)	47709498	50888675	54142460	59119820	69919860	56356063	15
Aroclor-1260-2	(2)	56508230	60166887	63913596	71401348	88771760	68152364	18
Aroclor-1260-3	(3)	45067030	48123128	50650728	57005548	65633220	53295931	14
Aroclor-1260-4	(4)	54035441	57066597	60264502	66664376	75043960	62614975	13
Aroclor-1260-5	(5)	97992993	102942959	107738868	117332464	140517260	113304909	14
Decachlorobiphenyl		852434670	894679120	940440840	1016872040	1151380600	971161454	12
Tetrachloro-m-xylene		994587660	1038636867	1076051520	1154524400	1327726000	1118305289	12
Decachlorobiphenyl		880786000	919506067	984418560	1056643120	1205252000	1009321149	13
Tetrachloro-m-xylene		1043240650	1075688493	1133074840	1202593000	1370780600	1165075517	11
Aroclor-1254-1	(1)	49559228	49811068	53907260	53993024	55934640	52641044	5
Aroclor-1254-2	(2)	70079706	72686637	78166692	86577056	90012700	79504558	10
Aroclor-1254-3	(3)	76495408	79340601	84479860	93420496	102844700	87316213	12
Aroclor-1254-4	(4)	57834344	59926583	63428804	69599176	68258480	63809477	8
Aroclor-1254-5	(5)	73335985	76078215	80654566	88040632	87614400	81144760	8
Decachlorobiphenyl		901613940	929059080	979122040	1057269880	1005303000	974473588	6
Tetrachloro-m-xylene		1055318110	1070331613	1114290760	1189360720	1187072000	1123274641	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: POWE02
SDG NO.: Q2795
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID: CF 1000 = PP074168.D CF 750 = PP074169.D
CF 500 = PP074170.D CF 250 = PP074171.D CF 050 = PP074172.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	401748995	398824608	399912360	403735356	390215520	398887368	1
Aroclor-1016-2	(2)	186854426	192495525	187577416	198284052	173833620	187809008	5
Aroclor-1016-3	(3)	104048217	106580327	106062448	114925596	98731580	106069634	5
Aroclor-1016-4	(4)	102945349	106576167	111089380	109624088	115865320	109220061	4
Aroclor-1016-5	(5)	116097268	118066511	118643196	118883084	113126240	116963260	2
Aroclor-1260-1	(1)	398303416	397444124	405725820	438106428	380206020	403957162	5
Aroclor-1260-2	(2)	301304557	308158192	308266150	305734868	340030740	312698901	5
Aroclor-1260-3	(3)	408378449	417603121	404068616	383320072	357221180	394118288	6
Aroclor-1260-4	(4)	295359710	299954812	306136602	280781712	272663920	290979351	4
Aroclor-1260-5	(5)	811772813	805780147	794112086	732491376	642892660	757409816	9
Decachlorobiphenyl		6091085760	6145498480	6064775080	5991469080	5775302800	6013626240	2
Tetrachloro-m-xylene		4204747790	4209506627	3997167900	3658659200	3102045200	3834425343	12
Decachlorobiphenyl		6182103300	6198353267	6343202860	6254049920	5638925600	6123326989	5
Tetrachloro-m-xylene		4380731720	4319851627	4244718880	3977934440	3138312200	4012309773	13
Aroclor-1254-1	(1)	384557283	361450625	385081202	377494716	322325960	366181957	7
Aroclor-1254-2	(2)	284389782	276601852	284135592	290728916	255228600	278216948	5
Aroclor-1254-3	(3)	520239168	520693099	508814756	526662268	369647720	489211402	13
Aroclor-1254-4	(4)	378053305	389619320	377098978	394351108	298703960	367565334	10
Aroclor-1254-5	(5)	425051302	410967521	398226716	393575444	298014540	385167105	12
Decachlorobiphenyl		6206832720	6179384467	6118770460	6279475360	4842174000	5925327401	10
Tetrachloro-m-xylene		4358828150	4220486587	4040036280	3680489520	2529500800	3765868267	20

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2795

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 10:26 **Initial Calibration Time(s):** 12:05 20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2795

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 10:26 **Initial Calibration Time(s):** 12:05 20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.70	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.91	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.17	7.18	7.08	7.28	0.01
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

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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):** 08/01/2025 08/01/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074282.D **Time Analyzed:** 10:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.805	5.712	5.912	488.460	500.000	-2.3
Aroclor-1016-2	5.826	5.733	5.933	494.150	500.000	-1.2
Aroclor-1016-3	5.889	5.796	5.996	491.650	500.000	-1.7
Aroclor-1016-4	5.986	5.893	6.093	493.790	500.000	-1.2
Aroclor-1016-5	6.278	6.186	6.386	490.000	500.000	-2.0
Aroclor-1260-1	7.396	7.303	7.503	467.880	500.000	-6.4
Aroclor-1260-2	7.649	7.555	7.755	452.900	500.000	-9.4
Aroclor-1260-3	8.007	7.913	8.113	457.240	500.000	-8.6
Aroclor-1260-4	8.235	8.142	8.342	457.850	500.000	-8.4
Aroclor-1260-5	8.560	8.468	8.668	449.390	500.000	-10.1
Decachlorobiphenyl	10.429	10.338	10.538	46.480	50.000	-7.0
Tetrachloro-m-xylene	4.653	4.560	4.760	51.030	50.000	2.1

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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):** 08/01/2025 08/01/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074282.D **Time Analyzed:** 10:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.806	5.006	536.440	500.000	7.3
Aroclor-1016-2	4.956	4.863	5.063	537.320	500.000	7.5
Aroclor-1016-3	5.077	4.983	5.183	519.520	500.000	3.9
Aroclor-1016-4	5.117	5.023	5.223	538.260	500.000	7.7
Aroclor-1016-5	5.333	5.239	5.439	517.620	500.000	3.5
Aroclor-1260-1	6.549	6.455	6.655	526.220	500.000	5.2
Aroclor-1260-2	6.704	6.609	6.809	481.820	500.000	-3.6
Aroclor-1260-3	6.913	6.819	7.019	506.360	500.000	1.3
Aroclor-1260-4	7.174	7.079	7.279	494.450	500.000	-1.1
Aroclor-1260-5	7.412	7.318	7.518	487.110	500.000	-2.6
Decachlorobiphenyl	8.818	8.726	8.926	46.210	50.000	-7.6
Tetrachloro-m-xylene	3.799	3.705	3.905	55.090	50.000	10.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2795

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:56 **Initial Calibration Time(s):** 12:05 20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2795

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/01/2025 08/01/2025

Continuing Calib Time: 15:56 **Initial Calibration Time(s):** 12:05 20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.34	5.34	5.24	5.44	0.00
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.92	6.92	6.82	7.02	0.00
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01

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

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):** 08/01/2025 08/01/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074297.D **Time Analyzed:** 15:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.808	5.712	5.912	497.830	500.000	-0.4
Aroclor-1016-2	5.830	5.733	5.933	492.990	500.000	-1.4
Aroclor-1016-3	5.893	5.796	5.996	503.740	500.000	0.7
Aroclor-1016-4	5.990	5.893	6.093	505.980	500.000	1.2
Aroclor-1016-5	6.283	6.186	6.386	496.650	500.000	-0.7
Aroclor-1260-1	7.400	7.303	7.503	487.930	500.000	-2.4
Aroclor-1260-2	7.652	7.555	7.755	466.300	500.000	-6.7
Aroclor-1260-3	8.010	7.913	8.113	470.970	500.000	-5.8
Aroclor-1260-4	8.239	8.142	8.342	471.930	500.000	-5.6
Aroclor-1260-5	8.564	8.468	8.668	456.120	500.000	-8.8
Decachlorobiphenyl	10.433	10.338	10.538	47.660	50.000	-4.7
Tetrachloro-m-xylene	4.657	4.560	4.760	51.350	50.000	2.7

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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):** 08/01/2025 08/01/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074297.D **Time Analyzed:** 15:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.902	4.806	5.006	550.770	500.000	10.2
Aroclor-1016-2	4.959	4.863	5.063	557.310	500.000	11.5
Aroclor-1016-3	5.079	4.983	5.183	561.910	500.000	12.4
Aroclor-1016-4	5.121	5.023	5.223	532.110	500.000	6.4
Aroclor-1016-5	5.335	5.239	5.439	533.450	500.000	6.7
Aroclor-1260-1	6.551	6.455	6.655	556.370	500.000	11.3
Aroclor-1260-2	6.705	6.609	6.809	516.930	500.000	3.4
Aroclor-1260-3	6.916	6.819	7.019	539.130	500.000	7.8
Aroclor-1260-4	7.175	7.079	7.279	534.080	500.000	6.8
Aroclor-1260-5	7.414	7.318	7.518	535.550	500.000	7.1
Decachlorobiphenyl	8.820	8.726	8.926	48.450	50.000	-3.1
Tetrachloro-m-xylene	3.802	3.705	3.905	55.980	50.000	12.0

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2795

Project: Girard School - PA **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/01/2025 08/01/2025

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 #
I.BLK	I.BLK	08/01/2025	11:49	PP074167.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	10.44	4.66
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	10.44	4.66
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	10.44	4.66
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	10.44	4.66
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	10.44	4.66
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	10.43	4.66
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	10.43	4.66
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	10.43	4.66
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	10.43	4.66
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	10.43	4.66
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	10.43	4.66
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	10.43	4.66
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	10.43	4.66
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/08/2025	10:26	PP074282.D	10.43	4.65
I.BLK	I.BLK	08/08/2025	11:15	PP074285.D	10.43	4.66
PB169172BL	PB169172BL	08/08/2025	12:25	PP074287.D	10.44	4.66
PB169172BS	PB169172BS	08/08/2025	12:41	PP074288.D	10.43	4.65
VNJ-231MS	Q2793-01MS	08/08/2025	13:13	PP074290.D	10.43	4.66
VNJ-231MSD	Q2793-01MSD	08/08/2025	13:29	PP074291.D	10.44	4.66
COMP-1	Q2795-01	08/08/2025	13:46	PP074292.D	10.43	4.66
COMP-2	Q2795-02	08/08/2025	14:02	PP074293.D	10.45	4.67
COMP-3	Q2795-03	08/08/2025	14:18	PP074294.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/08/2025	15:56	PP074297.D	10.43	4.66
I.BLK	I.BLK	08/08/2025	16:44	PP074300.D	10.44	4.66

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2795

Project: Girard School - PA **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/01/2025 08/01/2025

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 #
I.BLK	I.BLK	08/01/2025	11:49	PP074167.D	8.83	3.80
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	8.83	3.81
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	8.83	3.80
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	8.83	3.81
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	8.83	3.81
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	8.83	3.80
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	8.83	3.80
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	8.83	3.80
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	8.83	3.81
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	8.82	3.81
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	8.82	3.81
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	8.82	3.81
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	8.82	3.80
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/08/2025	10:26	PP074282.D	8.82	3.80
I.BLK	I.BLK	08/08/2025	11:15	PP074285.D	8.82	3.80
PB169172BL	PB169172BL	08/08/2025	12:25	PP074287.D	8.82	3.80
PB169172BS	PB169172BS	08/08/2025	12:41	PP074288.D	8.82	3.80
VNJ-231MS	Q2793-01MS	08/08/2025	13:13	PP074290.D	8.82	3.80
VNJ-231MSD	Q2793-01MSD	08/08/2025	13:29	PP074291.D	8.82	3.80
COMP-1	Q2795-01	08/08/2025	13:46	PP074292.D	8.82	3.80
COMP-2	Q2795-02	08/08/2025	14:02	PP074293.D	8.82	3.80
COMP-3	Q2795-03	08/08/2025	14:18	PP074294.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/08/2025	15:56	PP074297.D	8.82	3.80
I.BLK	I.BLK	08/08/2025	16:44	PP074300.D	8.82	3.80

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169172BL	SDG No.:	Q2795
Lab Sample ID:	PB169172BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074287.D	1	08/08/25 08:42	08/08/25 12:25	PB169172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6		32 - 144	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		32 - 175	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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/01/25
Project:	Girard School - PA	Date Received:	08/01/25
Client Sample ID:	PIBLK-PP074167.D	SDG No.:	Q2795
Lab Sample ID:	I.BLK-PP074167.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074167.D	1		08/01/25	PP080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140	93%	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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* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/08/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	PIBLK-PP074285.D	SDG No.:	Q2795
Lab Sample ID:	I.BLK-PP074285.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074285.D	1		08/08/25	pp080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		60 - 140	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 140	87%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/08/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	PIBLK-PP074300.D	SDG No.:	Q2795
Lab Sample ID:	I.BLK-PP074300.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074300.D	1		08/08/25	pp080825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		60 - 140	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		60 - 140	84%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169172BS	SDG No.:	Q2795
Lab Sample ID:	PB169172BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074288.D	1	08/08/25 08:42	08/08/25 12:41	PB169172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	175		3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	166		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.0		32 - 144	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		32 - 175	107%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	VNJ-231MS	SDG No.:	Q2795
Lab Sample ID:	Q2793-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.7 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074290.D	1	08/08/25 08:42	08/08/25 13:13	PB169172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	218		4.30	18.3	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.3	ug/kg
11096-82-5	Aroclor-1260	197		3.50	18.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.2		32 - 144	131%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		32 - 175	118%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	VNJ-231MSD	SDG No.:	Q2795
Lab Sample ID:	Q2793-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.7 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074291.D	1	08/08/25 08:42	08/08/25 13:29	PB169172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	216		4.30	18.3	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.3	ug/kg
11096-82-5	Aroclor-1260	202		3.50	18.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.7		32 - 144	129%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		32 - 175	113%	SPK: 20

Comments:

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

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

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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**			**08/07/25**
			Mercury	7471B		08/08/25	08/11/25	
			Metals ICP-Group1	6010D		08/08/25	08/11/25	
Q2795-02	**COMP-2**	**SOIL**			**08/06/25**			**08/07/25**
			Mercury	7471B		08/08/25	08/11/25	
			Metals ICP-Group1	6010D		08/08/25	08/11/25	
Q2795-03	**COMP-3**	**SOIL**			**08/06/25**			**08/07/25**
			Mercury	7471B		08/08/25	08/11/25	
			Metals ICP-Group1	6010D		08/08/25	08/11/25	

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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
Client ID : COMP-1								
Q2795-01	COMP-1	SOIL	Aluminum	5910		0.94	5.61	mg/Kg
Q2795-01	COMP-1	SOIL	Arsenic	4.42		0.21	1.12	mg/Kg
Q2795-01	COMP-1	SOIL	Barium	83.8		0.82	5.61	mg/Kg
Q2795-01	COMP-1	SOIL	Beryllium	0.67		0.028	0.34	mg/Kg
Q2795-01	COMP-1	SOIL	Cadmium	0.50		0.027	0.34	mg/Kg
Q2795-01	COMP-1	SOIL	Calcium	5200		12.5	112	mg/Kg
Q2795-01	COMP-1	SOIL	Chromium	10.7		0.053	0.56	mg/Kg
Q2795-01	COMP-1	SOIL	Cobalt	6.12		0.11	1.68	mg/Kg
Q2795-01	COMP-1	SOIL	Copper	18.5		0.25	1.12	mg/Kg
Q2795-01	COMP-1	SOIL	Iron	10400		4.48	5.61	mg/Kg
Q2795-01	COMP-1	SOIL	Lead	149		0.15	0.67	mg/Kg
Q2795-01	COMP-1	SOIL	Magnesium	1760		13.5	112	mg/Kg
Q2795-01	COMP-1	SOIL	Manganese	334		0.16	1.12	mg/Kg
Q2795-01	COMP-1	SOIL	Mercury	5.25	D	0.082	0.15	mg/Kg
Q2795-01	COMP-1	SOIL	Nickel	8.24		0.15	2.24	mg/Kg
Q2795-01	COMP-1	SOIL	Potassium	512		31.1	112	mg/Kg
Q2795-01	COMP-1	SOIL	Silver	0.48	J	0.14	0.56	mg/Kg
Q2795-01	COMP-1	SOIL	Sodium	84.0	J	20.0	112	mg/Kg
Q2795-01	COMP-1	SOIL	Vanadium	15.4		0.28	2.24	mg/Kg
Q2795-01	COMP-1	SOIL	Zinc	44.2		0.26	2.24	mg/Kg
Client ID : COMP-2								
Q2795-02	COMP-2	SOIL	Aluminum	6600		0.92	5.45	mg/Kg
Q2795-02	COMP-2	SOIL	Arsenic	5.99		0.21	1.09	mg/Kg
Q2795-02	COMP-2	SOIL	Barium	70.2		0.80	5.45	mg/Kg
Q2795-02	COMP-2	SOIL	Beryllium	0.62		0.027	0.33	mg/Kg
Q2795-02	COMP-2	SOIL	Cadmium	0.59		0.026	0.33	mg/Kg
Q2795-02	COMP-2	SOIL	Calcium	8300		12.1	109	mg/Kg
Q2795-02	COMP-2	SOIL	Chromium	12.9		0.051	0.55	mg/Kg
Q2795-02	COMP-2	SOIL	Cobalt	7.36		0.11	1.64	mg/Kg
Q2795-02	COMP-2	SOIL	Copper	22.8		0.24	1.09	mg/Kg
Q2795-02	COMP-2	SOIL	Iron	15700		4.35	5.45	mg/Kg
Q2795-02	COMP-2	SOIL	Lead	91.2		0.14	0.65	mg/Kg
Q2795-02	COMP-2	SOIL	Magnesium	5080		13.1	109	mg/Kg
Q2795-02	COMP-2	SOIL	Manganese	279		0.15	1.09	mg/Kg
Q2795-02	COMP-2	SOIL	Mercury	4.67	D	0.082	0.15	mg/Kg
Q2795-02	COMP-2	SOIL	Nickel	8.98		0.14	2.18	mg/Kg
Q2795-02	COMP-2	SOIL	Potassium	1230		30.2	109	mg/Kg

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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
Q2795-02	COMP-2	SOIL	Silver	0.59		0.13	0.55	mg/Kg
Q2795-02	COMP-2	SOIL	Sodium	184		19.4	109	mg/Kg
Q2795-02	COMP-2	SOIL	Vanadium	21.9		0.27	2.18	mg/Kg
Q2795-02	COMP-2	SOIL	Zinc	64.5		0.25	2.18	mg/Kg
Client ID : COMP-3								
Q2795-03	COMP-3	SOIL	Aluminum	7270		0.84	4.98	mg/Kg
Q2795-03	COMP-3	SOIL	Antimony	0.31	J	0.22	2.49	mg/Kg
Q2795-03	COMP-3	SOIL	Arsenic	6.37		0.19	1.00	mg/Kg
Q2795-03	COMP-3	SOIL	Barium	76.3		0.73	4.98	mg/Kg
Q2795-03	COMP-3	SOIL	Beryllium	0.66		0.025	0.30	mg/Kg
Q2795-03	COMP-3	SOIL	Cadmium	0.55		0.024	0.30	mg/Kg
Q2795-03	COMP-3	SOIL	Calcium	4490		11.1	99.6	mg/Kg
Q2795-03	COMP-3	SOIL	Chromium	14.0		0.047	0.50	mg/Kg
Q2795-03	COMP-3	SOIL	Cobalt	6.97		0.10	1.49	mg/Kg
Q2795-03	COMP-3	SOIL	Copper	71.4		0.22	1.00	mg/Kg
Q2795-03	COMP-3	SOIL	Iron	16800		3.97	4.98	mg/Kg
Q2795-03	COMP-3	SOIL	Lead	121		0.13	0.60	mg/Kg
Q2795-03	COMP-3	SOIL	Magnesium	1930		11.9	99.6	mg/Kg
Q2795-03	COMP-3	SOIL	Manganese	249		0.14	1.00	mg/Kg
Q2795-03	COMP-3	SOIL	Mercury	2.91	D	0.085	0.15	mg/Kg
Q2795-03	COMP-3	SOIL	Nickel	9.67		0.13	1.99	mg/Kg
Q2795-03	COMP-3	SOIL	Potassium	1000		27.6	99.6	mg/Kg
Q2795-03	COMP-3	SOIL	Silver	0.75		0.12	0.50	mg/Kg
Q2795-03	COMP-3	SOIL	Sodium	65.7	J	17.7	99.6	mg/Kg
Q2795-03	COMP-3	SOIL	Vanadium	22.0		0.25	1.99	mg/Kg
Q2795-03	COMP-3	SOIL	Zinc	80.7		0.23	1.99	mg/Kg

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

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
Level (low/med):	low	% Solid:	82.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5910		1	0.94	5.61	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.81	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-38-2	Arsenic	4.42	N	1	0.21	1.12	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-39-3	Barium	83.8		1	0.82	5.61	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-41-7	Beryllium	0.67	N	1	0.028	0.34	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-43-9	Cadmium	0.50		1	0.027	0.34	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-70-2	Calcium	5200		1	12.5	112	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-47-3	Chromium	10.7	N	1	0.053	0.56	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-48-4	Cobalt	6.12		1	0.11	1.68	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-50-8	Copper	18.5	N	1	0.25	1.12	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7439-89-6	Iron	10400		1	4.48	5.61	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7439-92-1	Lead	149		1	0.15	0.67	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7439-95-4	Magnesium	1760		1	13.5	112	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7439-96-5	Manganese	334		1	0.16	1.12	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7439-97-6	Mercury	5.25	D*	10	0.082	0.15	mg/Kg	08/08/25 11:35	08/11/25 13:17	7471B	
7440-02-0	Nickel	8.24		1	0.15	2.24	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-09-7	Potassium	512	N	1	31.1	112	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	1.12	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-22-4	Silver	0.48	JN	1	0.14	0.56	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-23-5	Sodium	84.0	JN	1	20.0	112	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.24	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-62-2	Vanadium	15.4	N	1	0.28	2.24	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050
7440-66-6	Zinc	44.2		1	0.26	2.24	mg/Kg	08/08/25 13:15	08/11/25 15:23	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

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
Level (low/med):	low	% Solid:	80.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6600		1	0.92	5.45	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.73	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-38-2	Arsenic	5.99	N	1	0.21	1.09	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-39-3	Barium	70.2		1	0.80	5.45	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-41-7	Beryllium	0.62	N	1	0.027	0.33	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-43-9	Cadmium	0.59		1	0.026	0.33	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-70-2	Calcium	8300		1	12.1	109	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-47-3	Chromium	12.9	N	1	0.051	0.55	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-48-4	Cobalt	7.36		1	0.11	1.64	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-50-8	Copper	22.8	N	1	0.24	1.09	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7439-89-6	Iron	15700		1	4.35	5.45	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7439-92-1	Lead	91.2		1	0.14	0.65	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7439-95-4	Magnesium	5080		1	13.1	109	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7439-96-5	Manganese	279		1	0.15	1.09	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7439-97-6	Mercury	4.67	D*	10	0.082	0.15	mg/Kg	08/08/25 11:35	08/11/25 13:20	7471B	
7440-02-0	Nickel	8.98		1	0.14	2.18	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-09-7	Potassium	1230	N	1	30.2	109	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7782-49-2	Selenium	0.28	UN	1	0.28	1.09	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-22-4	Silver	0.59	N	1	0.13	0.55	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-23-5	Sodium	184	N	1	19.4	109	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.18	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-62-2	Vanadium	21.9	N	1	0.27	2.18	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050
7440-66-6	Zinc	64.5		1	0.25	2.18	mg/Kg	08/08/25 13:15	08/11/25 15:27	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
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N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

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
Level (low/med):	low	% Solid:	82

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7270		1	0.84	4.98	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-36-0	Antimony	0.31	JN	1	0.22	2.49	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-38-2	Arsenic	6.37	N	1	0.19	1.00	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-39-3	Barium	76.3		1	0.73	4.98	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-41-7	Beryllium	0.66	N	1	0.025	0.30	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-43-9	Cadmium	0.55		1	0.024	0.30	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-70-2	Calcium	4490		1	11.1	99.6	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-47-3	Chromium	14.0	N	1	0.047	0.50	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-48-4	Cobalt	6.97		1	0.10	1.49	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-50-8	Copper	71.4	N	1	0.22	1.00	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7439-89-6	Iron	16800		1	3.97	4.98	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7439-92-1	Lead	121		1	0.13	0.60	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7439-95-4	Magnesium	1930		1	11.9	99.6	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7439-96-5	Manganese	249		1	0.14	1.00	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7439-97-6	Mercury	2.91	D*	10	0.085	0.15	mg/Kg	08/08/25 11:35	08/11/25 13:22	7471B	
7440-02-0	Nickel	9.67		1	0.13	1.99	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-09-7	Potassium	1000	N	1	27.6	99.6	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7782-49-2	Selenium	0.26	UN	1	0.26	1.00	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-22-4	Silver	0.75	N	1	0.12	0.50	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-23-5	Sodium	65.7	JN	1	17.7	99.6	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.99	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-62-2	Vanadium	22.0	N	1	0.25	1.99	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050
7440-66-6	Zinc	80.7		1	0.23	1.99	mg/Kg	08/08/25 13:15	08/11/25 15:31	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV06	Mercury	3.69	4.0	92	90 - 110	CV	08/11/2025	10:33	LB136768

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV15	Mercury	5.16	5.0	103	90 - 110	CV	08/11/2025	11:06	LB136768
CCV16	Mercury	5.27	5.0	105	90 - 110	CV	08/11/2025	11:53	LB136768
CCV17	Mercury	4.90	5.0	98	90 - 110	CV	08/11/2025	12:26	LB136768
CCV18	Mercury	5.07	5.0	101	90 - 110	CV	08/11/2025	13:32	LB136768
CCV19	Mercury	5.03	5.0	101	90 - 110	CV	08/11/2025	13:56	LB136768

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7500	8000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Antimony	3860	4000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Arsenic	3700	4000	93	90 - 110	P	08/11/2025	11:09	LB136778
	Barium	7500	8000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Beryllium	190	200	95	90 - 110	P	08/11/2025	11:09	LB136778
	Cadmium	1840	2000	92	90 - 110	P	08/11/2025	11:09	LB136778
	Calcium	18800	20000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Chromium	755	800	94	90 - 110	P	08/11/2025	11:09	LB136778
	Cobalt	1880	2000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Copper	962	1000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Iron	3710	4000	93	90 - 110	P	08/11/2025	11:09	LB136778
	Lead	3840	4000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Magnesium	18800	20000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Manganese	1880	2000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Nickel	1870	2000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Potassium	18400	20000	92	90 - 110	P	08/11/2025	11:09	LB136778
	Selenium	3720	4000	93	90 - 110	P	08/11/2025	11:09	LB136778
	Silver	940	1000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Sodium	18300	20000	91	90 - 110	P	08/11/2025	11:09	LB136778
	Thallium	3830	4000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Vanadium	1910	2000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Zinc	1860	2000	93	90 - 110	P	08/11/2025	11:09	LB136778

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	119	100	119	80 - 120	P	08/11/2025	11:33	LB136778
	Antimony	48.4	50.0	97	80 - 120	P	08/11/2025	11:33	LB136778
	Arsenic	19.2	20.0	96	80 - 120	P	08/11/2025	11:33	LB136778
	Barium	97.3	100	97	80 - 120	P	08/11/2025	11:33	LB136778
	Beryllium	5.80	6.0	97	80 - 120	P	08/11/2025	11:33	LB136778
	Cadmium	5.81	6.0	97	80 - 120	P	08/11/2025	11:33	LB136778
	Calcium	2020	2000	101	80 - 120	P	08/11/2025	11:33	LB136778
	Chromium	9.94	10.0	99	80 - 120	P	08/11/2025	11:33	LB136778
	Cobalt	28.1	30.0	94	80 - 120	P	08/11/2025	11:33	LB136778
	Copper	20.7	20.0	103	80 - 120	P	08/11/2025	11:33	LB136778
	Iron	98.4	100	98	80 - 120	P	08/11/2025	11:33	LB136778
	Lead	12.4	12.0	103	80 - 120	P	08/11/2025	11:33	LB136778
	Magnesium	2060	2000	103	80 - 120	P	08/11/2025	11:33	LB136778
	Manganese	23.8	20.0	119	80 - 120	P	08/11/2025	11:33	LB136778
	Nickel	38.5	40.0	96	80 - 120	P	08/11/2025	11:33	LB136778
	Potassium	1670	2000	84	80 - 120	P	08/11/2025	11:33	LB136778
	Selenium	21.6	20.0	108	80 - 120	P	08/11/2025	11:33	LB136778
	Silver	10.2	10.0	102	80 - 120	P	08/11/2025	11:33	LB136778
	Sodium	1660	2000	83	80 - 120	P	08/11/2025	11:33	LB136778
	Thallium	37.3	40.0	93	80 - 120	P	08/11/2025	11:33	LB136778
	Vanadium	42.0	40.0	105	80 - 120	P	08/11/2025	11:33	LB136778
	Zinc	41.5	40.0	104	80 - 120	P	08/11/2025	11:33	LB136778

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9900	10000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Antimony	4990	5000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Arsenic	4930	5000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Barium	10000	10000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Beryllium	248	250	99	90 - 110	P	08/11/2025	12:05	LB136778
	Cadmium	2420	2500	97	90 - 110	P	08/11/2025	12:05	LB136778
	Calcium	24900	25000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Chromium	985	1000	98	90 - 110	P	08/11/2025	12:05	LB136778
	Cobalt	2440	2500	98	90 - 110	P	08/11/2025	12:05	LB136778
	Copper	1230	1250	99	90 - 110	P	08/11/2025	12:05	LB136778
	Iron	4980	5000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Lead	4830	5000	97	90 - 110	P	08/11/2025	12:05	LB136778
	Magnesium	24700	25000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Manganese	2500	2500	100	90 - 110	P	08/11/2025	12:05	LB136778
	Nickel	2430	2500	97	90 - 110	P	08/11/2025	12:05	LB136778
	Potassium	24500	25000	98	90 - 110	P	08/11/2025	12:05	LB136778
	Selenium	4890	5000	98	90 - 110	P	08/11/2025	12:05	LB136778
	Silver	1240	1250	99	90 - 110	P	08/11/2025	12:05	LB136778
	Sodium	24900	25000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Thallium	4760	5000	95	90 - 110	P	08/11/2025	12:05	LB136778
	Vanadium	2480	2500	99	90 - 110	P	08/11/2025	12:05	LB136778
	Zinc	2490	2500	100	90 - 110	P	08/11/2025	12:05	LB136778
CCV02	Aluminum	9660	10000	97	90 - 110	P	08/11/2025	13:00	LB136778
	Antimony	4960	5000	99	90 - 110	P	08/11/2025	13:00	LB136778
	Arsenic	4890	5000	98	90 - 110	P	08/11/2025	13:00	LB136778
	Barium	9690	10000	97	90 - 110	P	08/11/2025	13:00	LB136778
	Beryllium	231	250	92	90 - 110	P	08/11/2025	13:00	LB136778
	Cadmium	2340	2500	94	90 - 110	P	08/11/2025	13:00	LB136778
	Calcium	24100	25000	96	90 - 110	P	08/11/2025	13:00	LB136778
	Chromium	961	1000	96	90 - 110	P	08/11/2025	13:00	LB136778
	Cobalt	2370	2500	95	90 - 110	P	08/11/2025	13:00	LB136778
	Copper	1210	1250	97	90 - 110	P	08/11/2025	13:00	LB136778
	Iron	5030	5000	101	90 - 110	P	08/11/2025	13:00	LB136778
	Lead	4680	5000	94	90 - 110	P	08/11/2025	13:00	LB136778

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23700	25000	95	90 - 110	P	08/11/2025	13:00	LB136778
	Manganese	2420	2500	97	90 - 110	P	08/11/2025	13:00	LB136778
	Nickel	2360	2500	95	90 - 110	P	08/11/2025	13:00	LB136778
	Potassium	25400	25000	102	90 - 110	P	08/11/2025	13:00	LB136778
	Selenium	4890	5000	98	90 - 110	P	08/11/2025	13:00	LB136778
	Silver	1220	1250	97	90 - 110	P	08/11/2025	13:00	LB136778
	Sodium	25200	25000	101	90 - 110	P	08/11/2025	13:00	LB136778
	Thallium	4640	5000	93	90 - 110	P	08/11/2025	13:00	LB136778
	Vanadium	2430	2500	97	90 - 110	P	08/11/2025	13:00	LB136778
	Zinc	2460	2500	98	90 - 110	P	08/11/2025	13:00	LB136778
CCV03	Aluminum	9140	10000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Antimony	4880	5000	98	90 - 110	P	08/11/2025	14:54	LB136778
	Arsenic	4840	5000	97	90 - 110	P	08/11/2025	14:54	LB136778
	Barium	9090	10000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Beryllium	269	250	108	90 - 110	P	08/11/2025	14:54	LB136778
	Cadmium	2320	2500	93	90 - 110	P	08/11/2025	14:54	LB136778
	Calcium	22800	25000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Chromium	913	1000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Cobalt	2320	2500	93	90 - 110	P	08/11/2025	14:54	LB136778
	Copper	1180	1250	95	90 - 110	P	08/11/2025	14:54	LB136778
	Iron	4740	5000	95	90 - 110	P	08/11/2025	14:54	LB136778
	Lead	4620	5000	92	90 - 110	P	08/11/2025	14:54	LB136778
	Magnesium	22500	25000	90	90 - 110	P	08/11/2025	14:54	LB136778
	Manganese	2270	2500	91	90 - 110	P	08/11/2025	14:54	LB136778
	Nickel	2330	2500	93	90 - 110	P	08/11/2025	14:54	LB136778
	Potassium	23800	25000	95	90 - 110	P	08/11/2025	14:54	LB136778
	Selenium	4950	5000	99	90 - 110	P	08/11/2025	14:54	LB136778
	Silver	1170	1250	94	90 - 110	P	08/11/2025	14:54	LB136778
	Sodium	23200	25000	93	90 - 110	P	08/11/2025	14:54	LB136778
	Thallium	5170	5000	103	90 - 110	P	08/11/2025	14:54	LB136778
	Vanadium	2300	2500	92	90 - 110	P	08/11/2025	14:54	LB136778
	Zinc	2350	2500	94	90 - 110	P	08/11/2025	14:54	LB136778
CCV04	Aluminum	9270	10000	93	90 - 110	P	08/11/2025	16:02	LB136778
	Antimony	5030	5000	100	90 - 110	P	08/11/2025	16:02	LB136778

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4990	5000	100	90 - 110	P	08/11/2025	16:02	LB136778
	Barium	9100	10000	91	90 - 110	P	08/11/2025	16:02	LB136778
	Beryllium	227	250	91	90 - 110	P	08/11/2025	16:02	LB136778
	Cadmium	2370	2500	95	90 - 110	P	08/11/2025	16:02	LB136778
	Calcium	23000	25000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Chromium	921	1000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Cobalt	2380	2500	95	90 - 110	P	08/11/2025	16:02	LB136778
	Copper	1210	1250	97	90 - 110	P	08/11/2025	16:02	LB136778
	Iron	4770	5000	95	90 - 110	P	08/11/2025	16:02	LB136778
	Lead	4740	5000	95	90 - 110	P	08/11/2025	16:02	LB136778
	Magnesium	22900	25000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Manganese	2300	2500	92	90 - 110	P	08/11/2025	16:02	LB136778
	Nickel	2390	2500	95	90 - 110	P	08/11/2025	16:02	LB136778
	Potassium	23700	25000	95	90 - 110	P	08/11/2025	16:02	LB136778
	Selenium	5090	5000	102	90 - 110	P	08/11/2025	16:02	LB136778
	Silver	1180	1250	94	90 - 110	P	08/11/2025	16:02	LB136778
	Sodium	23000	25000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Thallium	5410	5000	108	90 - 110	P	08/11/2025	16:02	LB136778
	Vanadium	2350	2500	94	90 - 110	P	08/11/2025	16:02	LB136778
	Zinc	2370	2500	95	90 - 110	P	08/11/2025	16:02	LB136778

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7870	8000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Antimony	4130	4000	103	90 - 110	P	08/15/2025	11:50	LB136851
	Arsenic	3980	4000	99	90 - 110	P	08/15/2025	11:50	LB136851
	Barium	7840	8000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Beryllium	195	200	98	90 - 110	P	08/15/2025	11:50	LB136851
	Cadmium	1940	2000	97	90 - 110	P	08/15/2025	11:50	LB136851
	Calcium	19400	20000	97	90 - 110	P	08/15/2025	11:50	LB136851
	Chromium	795	800	99	90 - 110	P	08/15/2025	11:50	LB136851
	Cobalt	1970	2000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Copper	1010	1000	102	90 - 110	P	08/15/2025	11:50	LB136851
	Iron	3940	4000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Lead	3820	4000	96	90 - 110	P	08/15/2025	11:50	LB136851
	Magnesium	19300	20000	96	90 - 110	P	08/15/2025	11:50	LB136851
	Manganese	1940	2000	97	90 - 110	P	08/15/2025	11:50	LB136851
	Nickel	1960	2000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Potassium	19600	20000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Selenium	4030	4000	101	90 - 110	P	08/15/2025	11:50	LB136851
	Silver	997	1000	100	90 - 110	P	08/15/2025	11:50	LB136851
	Sodium	19700	20000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Thallium	3810	4000	95	90 - 110	P	08/15/2025	11:50	LB136851
	Vanadium	1960	2000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Zinc	2020	2000	101	90 - 110	P	08/15/2025	11:50	LB136851

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	106	100	106	80 - 120	P	08/15/2025	11:56	LB136851
	Antimony	50.7	50.0	101	80 - 120	P	08/15/2025	11:56	LB136851
	Arsenic	19.5	20.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Barium	93.5	100	94	80 - 120	P	08/15/2025	11:56	LB136851
	Beryllium	6.22	6.0	104	80 - 120	P	08/15/2025	11:56	LB136851
	Cadmium	5.88	6.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Calcium	2050	2000	103	80 - 120	P	08/15/2025	11:56	LB136851
	Chromium	10.2	10.0	102	80 - 120	P	08/15/2025	11:56	LB136851
	Cobalt	29.6	30.0	99	80 - 120	P	08/15/2025	11:56	LB136851
	Copper	21.8	20.0	109	80 - 120	P	08/15/2025	11:56	LB136851
	Iron	103	100	103	80 - 120	P	08/15/2025	11:56	LB136851
	Lead	11.7	12.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Magnesium	2160	2000	108	80 - 120	P	08/15/2025	11:56	LB136851
	Manganese	21.6	20.0	108	80 - 120	P	08/15/2025	11:56	LB136851
	Nickel	40.1	40.0	100	80 - 120	P	08/15/2025	11:56	LB136851
	Potassium	1960	2000	98	80 - 120	P	08/15/2025	11:56	LB136851
	Selenium	21.3	20.0	106	80 - 120	P	08/15/2025	11:56	LB136851
	Silver	10.6	10.0	106	80 - 120	P	08/15/2025	11:56	LB136851
	Sodium	1900	2000	95	80 - 120	P	08/15/2025	11:56	LB136851
	Thallium	39.8	40.0	99	80 - 120	P	08/15/2025	11:56	LB136851
	Vanadium	39.0	40.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Zinc	42.5	40.0	106	80 - 120	P	08/15/2025	11:56	LB136851

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9820	10000	98	90 - 110	P	08/15/2025	12:26	LB136851
	Antimony	5030	5000	101	90 - 110	P	08/15/2025	12:26	LB136851
	Arsenic	4990	5000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Barium	9720	10000	97	90 - 110	P	08/15/2025	12:26	LB136851
	Beryllium	241	250	96	90 - 110	P	08/15/2025	12:26	LB136851
	Cadmium	2440	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Calcium	24400	25000	98	90 - 110	P	08/15/2025	12:26	LB136851
	Chromium	989	1000	99	90 - 110	P	08/15/2025	12:26	LB136851
	Cobalt	2440	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Copper	1240	1250	99	90 - 110	P	08/15/2025	12:26	LB136851
	Iron	4980	5000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Lead	4870	5000	97	90 - 110	P	08/15/2025	12:26	LB136851
	Magnesium	24200	25000	97	90 - 110	P	08/15/2025	12:26	LB136851
	Manganese	2420	2500	97	90 - 110	P	08/15/2025	12:26	LB136851
	Nickel	2440	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Potassium	24900	25000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Selenium	5060	5000	101	90 - 110	P	08/15/2025	12:26	LB136851
	Silver	1240	1250	99	90 - 110	P	08/15/2025	12:26	LB136851
	Sodium	24900	25000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Thallium	5250	5000	105	90 - 110	P	08/15/2025	12:26	LB136851
	Vanadium	2460	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Zinc	2520	2500	101	90 - 110	P	08/15/2025	12:26	LB136851
CCV02	Aluminum	9430	10000	94	90 - 110	P	08/15/2025	13:40	LB136851
	Antimony	4960	5000	99	90 - 110	P	08/15/2025	13:40	LB136851
	Arsenic	4910	5000	98	90 - 110	P	08/15/2025	13:40	LB136851
	Barium	9430	10000	94	90 - 110	P	08/15/2025	13:40	LB136851
	Beryllium	229	250	91	90 - 110	P	08/15/2025	13:40	LB136851
	Cadmium	2340	2500	93	90 - 110	P	08/15/2025	13:40	LB136851
	Calcium	23400	25000	94	90 - 110	P	08/15/2025	13:40	LB136851
	Chromium	951	1000	95	90 - 110	P	08/15/2025	13:40	LB136851
	Cobalt	2340	2500	94	90 - 110	P	08/15/2025	13:40	LB136851
	Copper	1210	1250	96	90 - 110	P	08/15/2025	13:40	LB136851
	Iron	4840	5000	97	90 - 110	P	08/15/2025	13:40	LB136851
	Lead	4680	5000	94	90 - 110	P	08/15/2025	13:40	LB136851

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23100	25000	92	90 - 110	P	08/15/2025	13:40	LB136851
	Manganese	2330	2500	93	90 - 110	P	08/15/2025	13:40	LB136851
	Nickel	2350	2500	94	90 - 110	P	08/15/2025	13:40	LB136851
	Potassium	24200	25000	97	90 - 110	P	08/15/2025	13:40	LB136851
	Selenium	5010	5000	100	90 - 110	P	08/15/2025	13:40	LB136851
	Silver	1200	1250	96	90 - 110	P	08/15/2025	13:40	LB136851
	Sodium	23900	25000	96	90 - 110	P	08/15/2025	13:40	LB136851
	Thallium	5400	5000	108	90 - 110	P	08/15/2025	13:40	LB136851
	Vanadium	2370	2500	95	90 - 110	P	08/15/2025	13:40	LB136851
	Zinc	2440	2500	98	90 - 110	P	08/15/2025	13:40	LB136851
CCV03	Aluminum	9550	10000	96	90 - 110	P	08/15/2025	15:04	LB136851
	Antimony	5010	5000	100	90 - 110	P	08/15/2025	15:04	LB136851
	Arsenic	4970	5000	99	90 - 110	P	08/15/2025	15:04	LB136851
	Barium	9500	10000	95	90 - 110	P	08/15/2025	15:04	LB136851
	Beryllium	226	250	90	90 - 110	P	08/15/2025	15:04	LB136851
	Cadmium	2360	2500	94	90 - 110	P	08/15/2025	15:04	LB136851
	Calcium	23500	25000	94	90 - 110	P	08/15/2025	15:04	LB136851
	Chromium	969	1000	97	90 - 110	P	08/15/2025	15:04	LB136851
	Cobalt	2360	2500	94	90 - 110	P	08/15/2025	15:04	LB136851
	Copper	1220	1250	97	90 - 110	P	08/15/2025	15:04	LB136851
	Iron	5030	5000	101	90 - 110	P	08/15/2025	15:04	LB136851
	Lead	4720	5000	94	90 - 110	P	08/15/2025	15:04	LB136851
	Magnesium	23200	25000	93	90 - 110	P	08/15/2025	15:04	LB136851
	Manganese	2330	2500	93	90 - 110	P	08/15/2025	15:04	LB136851
	Nickel	2380	2500	95	90 - 110	P	08/15/2025	15:04	LB136851
	Potassium	25300	25000	101	90 - 110	P	08/15/2025	15:04	LB136851
	Selenium	5080	5000	102	90 - 110	P	08/15/2025	15:04	LB136851
	Silver	1210	1250	97	90 - 110	P	08/15/2025	15:04	LB136851
	Sodium	24900	25000	100	90 - 110	P	08/15/2025	15:04	LB136851
	Thallium	5050	5000	101	90 - 110	P	08/15/2025	15:04	LB136851
	Vanadium	2400	2500	96	90 - 110	P	08/15/2025	15:04	LB136851
	Zinc	2490	2500	99	90 - 110	P	08/15/2025	15:04	LB136851
CCV04	Aluminum	9750	10000	98	90 - 110	P	08/15/2025	15:55	LB136851
	Antimony	5130	5000	102	90 - 110	P	08/15/2025	15:55	LB136851

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Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5080	5000	102	90 - 110	P	08/15/2025	15:55	LB136851
	Barium	9540	10000	95	90 - 110	P	08/15/2025	15:55	LB136851
	Beryllium	229	250	92	90 - 110	P	08/15/2025	15:55	LB136851
	Cadmium	2390	2500	96	90 - 110	P	08/15/2025	15:55	LB136851
	Calcium	23800	25000	95	90 - 110	P	08/15/2025	15:55	LB136851
	Chromium	980	1000	98	90 - 110	P	08/15/2025	15:55	LB136851
	Cobalt	2390	2500	96	90 - 110	P	08/15/2025	15:55	LB136851
	Copper	1240	1250	99	90 - 110	P	08/15/2025	15:55	LB136851
	Iron	5040	5000	101	90 - 110	P	08/15/2025	15:55	LB136851
	Lead	4800	5000	96	90 - 110	P	08/15/2025	15:55	LB136851
	Magnesium	23700	25000	95	90 - 110	P	08/15/2025	15:55	LB136851
	Manganese	2350	2500	94	90 - 110	P	08/15/2025	15:55	LB136851
	Nickel	2410	2500	96	90 - 110	P	08/15/2025	15:55	LB136851
	Potassium	25400	25000	102	90 - 110	P	08/15/2025	15:55	LB136851
	Selenium	5240	5000	105	90 - 110	P	08/15/2025	15:55	LB136851
	Silver	1230	1250	99	90 - 110	P	08/15/2025	15:55	LB136851
	Sodium	24800	25000	99	90 - 110	P	08/15/2025	15:55	LB136851
	Thallium	4540	5000	91	90 - 110	P	08/15/2025	15:55	LB136851
	Vanadium	2440	2500	98	90 - 110	P	08/15/2025	15:55	LB136851
	Zinc	2530	2500	101	90 - 110	P	08/15/2025	15:55	LB136851
CCV05	Aluminum	9680	10000	97	90 - 110	P	08/15/2025	16:38	LB136851
	Antimony	5190	5000	104	90 - 110	P	08/15/2025	16:38	LB136851
	Arsenic	5110	5000	102	90 - 110	P	08/15/2025	16:38	LB136851
	Barium	9690	10000	97	90 - 110	P	08/15/2025	16:38	LB136851
	Beryllium	230	250	92	90 - 110	P	08/15/2025	16:38	LB136851
	Cadmium	2400	2500	96	90 - 110	P	08/15/2025	16:38	LB136851
	Calcium	23700	25000	95	90 - 110	P	08/15/2025	16:38	LB136851
	Chromium	985	1000	98	90 - 110	P	08/15/2025	16:38	LB136851
	Cobalt	2410	2500	96	90 - 110	P	08/15/2025	16:38	LB136851
	Copper	1250	1250	100	90 - 110	P	08/15/2025	16:38	LB136851
	Iron	5050	5000	101	90 - 110	P	08/15/2025	16:38	LB136851
	Lead	4830	5000	97	90 - 110	P	08/15/2025	16:38	LB136851
	Magnesium	23500	25000	94	90 - 110	P	08/15/2025	16:38	LB136851
	Manganese	2350	2500	94	90 - 110	P	08/15/2025	16:38	LB136851

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2430	2500	97	90 - 110	P	08/15/2025	16:38	LB136851
	Potassium	25600	25000	102	90 - 110	P	08/15/2025	16:38	LB136851
	Selenium	5240	5000	105	90 - 110	P	08/15/2025	16:38	LB136851
	Silver	1250	1250	100	90 - 110	P	08/15/2025	16:38	LB136851
	Sodium	24600	25000	99	90 - 110	P	08/15/2025	16:38	LB136851
	Thallium	4920	5000	98	90 - 110	P	08/15/2025	16:38	LB136851
	Vanadium	2430	2500	97	90 - 110	P	08/15/2025	16:38	LB136851
	Zinc	2560	2500	102	90 - 110	P	08/15/2025	16:38	LB136851

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	104	70 - 130	CV	08/11/2025	11:11	LB136768
CRI01	Aluminum	89.1	100	89	65 - 135	P	08/11/2025	11:41	LB136778
	Antimony	46.6	50.0	93	65 - 135	P	08/11/2025	11:41	LB136778
	Arsenic	18.6	20.0	93	65 - 135	P	08/11/2025	11:41	LB136778
	Barium	92.3	100	92	65 - 135	P	08/11/2025	11:41	LB136778
	Beryllium	5.86	6.0	98	65 - 135	P	08/11/2025	11:41	LB136778
	Cadmium	5.33	6.0	89	65 - 135	P	08/11/2025	11:41	LB136778
	Calcium	1950	2000	97	65 - 135	P	08/11/2025	11:41	LB136778
	Chromium	9.43	10.0	94	65 - 135	P	08/11/2025	11:41	LB136778
	Cobalt	27.6	30.0	92	65 - 135	P	08/11/2025	11:41	LB136778
	Copper	20.1	20.0	101	65 - 135	P	08/11/2025	11:41	LB136778
	Iron	85.5	100	86	65 - 135	P	08/11/2025	11:41	LB136778
	Lead	12.1	12.0	101	65 - 135	P	08/11/2025	11:41	LB136778
	Magnesium	2050	2000	103	65 - 135	P	08/11/2025	11:41	LB136778
	Manganese	20.1	20.0	100	65 - 135	P	08/11/2025	11:41	LB136778
	Nickel	37.4	40.0	94	65 - 135	P	08/11/2025	11:41	LB136778
	Potassium	1770	2000	88	65 - 135	P	08/11/2025	11:41	LB136778
	Selenium	19.0	20.0	95	65 - 135	P	08/11/2025	11:41	LB136778
	Silver	9.70	10.0	97	65 - 135	P	08/11/2025	11:41	LB136778
	Sodium	1770	2000	89	65 - 135	P	08/11/2025	11:41	LB136778
	Thallium	39.2	40.0	98	65 - 135	P	08/11/2025	11:41	LB136778
	Vanadium	41.4	40.0	104	65 - 135	P	08/11/2025	11:41	LB136778
	Zinc	37.4	40.0	94	65 - 135	P	08/11/2025	11:41	LB136778
CRI01	Aluminum	110	100	110	65 - 135	P	08/15/2025	12:04	LB136851
	Antimony	51.4	50.0	103	65 - 135	P	08/15/2025	12:04	LB136851
	Arsenic	20.3	20.0	101	65 - 135	P	08/15/2025	12:04	LB136851
	Barium	92.9	100	93	65 - 135	P	08/15/2025	12:04	LB136851
	Beryllium	6.29	6.0	105	65 - 135	P	08/15/2025	12:04	LB136851
	Cadmium	5.82	6.0	97	65 - 135	P	08/15/2025	12:04	LB136851
	Calcium	2050	2000	103	65 - 135	P	08/15/2025	12:04	LB136851
	Chromium	10.3	10.0	103	65 - 135	P	08/15/2025	12:04	LB136851
	Cobalt	29.6	30.0	99	65 - 135	P	08/15/2025	12:04	LB136851
	Copper	22.0	20.0	110	65 - 135	P	08/15/2025	12:04	LB136851
	Iron	103	100	103	65 - 135	P	08/15/2025	12:04	LB136851
	Lead	12.6	12.0	105	65 - 135	P	08/15/2025	12:04	LB136851

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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2160	2000	108	65 - 135	P	08/15/2025	12:04	LB136851
	Manganese	21.7	20.0	108	65 - 135	P	08/15/2025	12:04	LB136851
	Nickel	40.2	40.0	100	65 - 135	P	08/15/2025	12:04	LB136851
	Potassium	1890	2000	95	65 - 135	P	08/15/2025	12:04	LB136851
	Selenium	20.7	20.0	103	65 - 135	P	08/15/2025	12:04	LB136851
	Silver	10.9	10.0	108	65 - 135	P	08/15/2025	12:04	LB136851
	Sodium	1870	2000	94	65 - 135	P	08/15/2025	12:04	LB136851
	Thallium	39.4	40.0	99	65 - 135	P	08/15/2025	12:04	LB136851
	Vanadium	39.3	40.0	98	65 - 135	P	08/15/2025	12:04	LB136851
	Zinc	42.6	40.0	107	65 - 135	P	08/15/2025	12:04	LB136851

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB06	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	10:35	LB136768

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB15	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	11:08	LB136768
CCB16	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	11:55	LB136768
CCB17	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	12:29	LB136768
CCB18	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	13:34	LB136768
CCB19	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	13:59	LB136768

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/11/2025	11:37	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	11:37	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	11:37	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	11:37	LB136778
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	11:37	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	11:37	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	11:37	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	11:37	LB136778
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	11:37	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	11:37	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	11:37	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	11:37	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	11:37	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	11:37	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	23.2	+/-50	J	100	P	08/11/2025	12:09	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	12:09	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	12:09	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	12:09	LB136778
	Cadmium	0.90	+/-3	J	6.00	P	08/11/2025	12:09	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	12:09	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	12:09	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	12:09	LB136778
	Lead	2.66	+/-6	J	12.0	P	08/11/2025	12:09	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	12:09	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
CCB02	Aluminum	11.8	+/-50	J	100	P	08/11/2025	13:04	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	13:04	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	13:04	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	13:04	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	13:04	LB136778
	Cadmium	0.89	+/-3	J	6.00	P	08/11/2025	13:04	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	13:04	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	13:04	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	13:04	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	13:04	LB136778
	Iron	27.7	+/-50	J	100	P	08/11/2025	13:04	LB136778
	Lead	2.35	+/-6	J	12.0	P	08/11/2025	13:04	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	13:04	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	13:04	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	13:04	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	13:04	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/11/2025	13:04	LB136778
	Sodium	901	+/-1000	J	2000	P	08/11/2025	13:04	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
CCB03	Aluminum	11.3	+/-50	U	100	P	08/11/2025	14:58	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	14:58	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	14:58	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	14:58	LB136778
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	14:58	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	14:58	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	14:58	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	14:58	LB136778
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	14:58	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	14:58	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
CCB04	Aluminum	11.3	+/-50	U	100	P	08/11/2025	16:06	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	16:06	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	16:06	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	16:06	LB136778
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	16:06	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	16:06	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	16:06	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	16:06	LB136778
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	16:06	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	16:06	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	16:06	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	16:06	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	16:06	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	16:06	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/15/2025	12:00	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	12:00	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	12:00	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	12:00	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	12:00	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	12:00	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	12:00	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	12:00	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	12:00	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	12:00	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	12:00	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	12:00	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	12:00	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	12:00	LB136851

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	08/15/2025	12:30	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	12:30	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	12:30	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	12:30	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	12:30	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	12:30	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	12:30	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	12:30	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	12:30	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	12:30	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
CCB02	Aluminum	11.3	+/-50	U	100	P	08/15/2025	13:45	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	13:45	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	13:45	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	13:45	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	13:45	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	13:45	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	13:45	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	13:45	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	13:45	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	13:45	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	13:45	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	13:45	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	13:45	LB136851

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/15/2025	13:45	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
CCB03	Aluminum	11.3	+/-50	U	100	P	08/15/2025	15:10	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	15:10	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	15:10	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	15:10	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	15:10	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	15:10	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	15:10	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	15:10	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	15:10	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	15:10	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
CCB04	Aluminum	11.3	+/-50	U	100	P	08/15/2025	16:01	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	16:01	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	16:01	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	16:01	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	16:01	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	16:01	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	16:01	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	16:01	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	16:01	LB136851

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	16:01	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
CCB05	Aluminum	21.2	+/-50	J	100	P	08/15/2025	16:45	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	16:45	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	16:45	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	16:45	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	16:45	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	16:45	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	16:45	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	16:45	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	16:45	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	16:45	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	16:45	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	16:45	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	16:45	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	16:45	LB136851

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169179BL		**SOLID**		**Batch Number:**	**PB169179**		**Prep Date:**	**08/08/2025**	
	Mercury	0.0080	<0.014	U	0.014	CV	08/11/2025	11:27	LB136768

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169181BL		**SOLID**		**Batch Number:**	**PB169181**		**Prep Date:**	**08/08/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	08/15/2025	14:32	LB136851
	Antimony	0.22	<1.25	U	2.50	P	08/15/2025	14:32	LB136851
	Arsenic	0.19	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Barium	0.73	<2.5	U	5.00	P	08/15/2025	14:32	LB136851
	Beryllium	0.025	<0.15	U	0.30	P	08/15/2025	14:32	LB136851
	Cadmium	0.024	<0.15	U	0.30	P	08/15/2025	14:32	LB136851
	Calcium	11.1	<50	U	100	P	08/15/2025	14:32	LB136851
	Chromium	0.047	<0.25	U	0.50	P	08/15/2025	14:32	LB136851
	Cobalt	0.10	<0.75	U	1.50	P	08/15/2025	14:32	LB136851
	Copper	0.22	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Iron	3.99	<2.5	U	5.00	P	08/15/2025	14:32	LB136851
	Lead	0.13	<0.3	U	0.60	P	08/15/2025	14:32	LB136851
	Magnesium	12.0	<50	U	100	P	08/15/2025	14:32	LB136851
	Manganese	0.14	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Nickel	0.13	<1	U	2.00	P	08/15/2025	14:32	LB136851
	Potassium	27.7	<50	U	100	P	08/15/2025	14:32	LB136851
	Selenium	0.26	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Silver	0.12	<0.25	U	0.50	P	08/15/2025	14:32	LB136851
	Sodium	17.8	<50	U	100	P	08/15/2025	14:32	LB136851
	Thallium	0.23	<1	U	2.00	P	08/15/2025	14:32	LB136851
	Vanadium	0.25	<1	U	2.00	P	08/15/2025	14:32	LB136851
	Zinc	0.23	<1	U	2.00	P	08/15/2025	14:32	LB136851

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	235000	255000	92	216000	294000	08/11/2025	11:48	LB136778
	Antimony	-6.34			-50	50	08/11/2025	11:48	LB136778
	Arsenic	8.68			-20	20	08/11/2025	11:48	LB136778
	Barium	0.44	6.0	7	-94	106	08/11/2025	11:48	LB136778
	Beryllium	1.45			-6	6	08/11/2025	11:48	LB136778
	Cadmium	0.96	1.0	96	-5	7	08/11/2025	11:48	LB136778
	Calcium	225000	245000	92	208000	282000	08/11/2025	11:48	LB136778
	Chromium	56.6	52.0	109	42	62	08/11/2025	11:48	LB136778
	Cobalt	1.57			-30	30	08/11/2025	11:48	LB136778
	Copper	5.59	2.0	280	-18	22	08/11/2025	11:48	LB136778
	Iron	97500	101000	96	85600	116500	08/11/2025	11:48	LB136778
	Lead	-5.21			-12	12	08/11/2025	11:48	LB136778
	Magnesium	236000	255000	92	216000	294000	08/11/2025	11:48	LB136778
	Manganese	8.29	7.0	118	-13	27	08/11/2025	11:48	LB136778
	Nickel	5.21	2.0	260	-38	42	08/11/2025	11:48	LB136778
	Potassium	167			0	0	08/11/2025	11:48	LB136778
	Selenium	2.51			-20	20	08/11/2025	11:48	LB136778
	Silver	1.58			-10	10	08/11/2025	11:48	LB136778
	Sodium	112			0	0	08/11/2025	11:48	LB136778
	Thallium	3.95			-40	40	08/11/2025	11:48	LB136778
	Vanadium	5.51			-40	40	08/11/2025	11:48	LB136778
	Zinc	2.77			-40	40	08/11/2025	11:48	LB136778
ICSAB01	Aluminum	242000	247000	98	209000	285000	08/11/2025	11:52	LB136778
	Antimony	582	618	94	525	711	08/11/2025	11:52	LB136778
	Arsenic	104	104	100	88.4	120	08/11/2025	11:52	LB136778
	Barium	485	537	90	437	637	08/11/2025	11:52	LB136778
	Beryllium	489	495	99	420	570	08/11/2025	11:52	LB136778
	Cadmium	933	972	96	826	1120	08/11/2025	11:52	LB136778
	Calcium	232000	235000	99	199000	271000	08/11/2025	11:52	LB136778
	Chromium	530	542	98	460	624	08/11/2025	11:52	LB136778
	Cobalt	472	476	99	404	548	08/11/2025	11:52	LB136778
	Copper	466	511	91	434	588	08/11/2025	11:52	LB136778
	Iron	96100	99300	97	84400	114500	08/11/2025	11:52	LB136778
	Lead	39.0	49.0	80	37	61	08/11/2025	11:52	LB136778
	Magnesium	243000	248000	98	210000	286000	08/11/2025	11:52	LB136778
	Manganese	481	507	95	430	584	08/11/2025	11:52	LB136778
	Nickel	939	954	98	810	1100	08/11/2025	11:52	LB136778
	Potassium	94.0			0	0	08/11/2025	11:52	LB136778
	Selenium	47.3	46.0	103	26	66	08/11/2025	11:52	LB136778
	Silver	209	201	104	170	232	08/11/2025	11:52	LB136778
	Sodium	74.9			0	0	08/11/2025	11:52	LB136778
	Thallium	104	108	96	68	148	08/11/2025	11:52	LB136778

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	480	491	98	417	565	08/11/2025	11:52	LB136778
	Zinc	990	952	104	809	1095	08/11/2025	11:52	LB136778
ICSA01	Aluminum	247000	255000	97	216000	294000	08/15/2025	12:09	LB136851
	Antimony	-1.96			-50	50	08/15/2025	12:09	LB136851
	Arsenic	5.72			-20	20	08/15/2025	12:09	LB136851
	Barium	-2.11	6.0	35	-94	106	08/15/2025	12:09	LB136851
	Beryllium	1.33			-6	6	08/15/2025	12:09	LB136851
	Cadmium	3.29	1.0	329	-5	7	08/15/2025	12:09	LB136851
	Calcium	234000	245000	96	208000	282000	08/15/2025	12:09	LB136851
	Chromium	61.2	52.0	118	42	62	08/15/2025	12:09	LB136851
	Cobalt	1.72			-30	30	08/15/2025	12:09	LB136851
	Copper	-6.62	2.0	331	-18	22	08/15/2025	12:09	LB136851
	Iron	102000	101000	101	85600	116500	08/15/2025	12:09	LB136851
	Lead	-4.50			-12	12	08/15/2025	12:09	LB136851
	Magnesium	247000	255000	97	216000	294000	08/15/2025	12:09	LB136851
	Manganese	9.69	7.0	138	-13	27	08/15/2025	12:09	LB136851
	Nickel	6.38	2.0	319	-38	42	08/15/2025	12:09	LB136851
	Potassium	123			0	0	08/15/2025	12:09	LB136851
	Selenium	-2.54			-20	20	08/15/2025	12:09	LB136851
	Silver	2.16			-10	10	08/15/2025	12:09	LB136851
	Sodium	88.5			0	0	08/15/2025	12:09	LB136851
	Thallium	-5.83			-40	40	08/15/2025	12:09	LB136851
	Vanadium	4.25			-40	40	08/15/2025	12:09	LB136851
	Zinc	3.82			-40	40	08/15/2025	12:09	LB136851
ICSAB01	Aluminum	252000	247000	102	209000	285000	08/15/2025	12:13	LB136851
	Antimony	613	618	99	525	711	08/15/2025	12:13	LB136851
	Arsenic	111	104	107	88.4	120	08/15/2025	12:13	LB136851
	Barium	490	537	91	437	637	08/15/2025	12:13	LB136851
	Beryllium	485	495	98	420	570	08/15/2025	12:13	LB136851
	Cadmium	995	972	102	826	1120	08/15/2025	12:13	LB136851
	Calcium	237000	235000	101	199000	271000	08/15/2025	12:13	LB136851
	Chromium	559	542	103	460	624	08/15/2025	12:13	LB136851
	Cobalt	500	476	105	404	548	08/15/2025	12:13	LB136851
	Copper	483	511	94	434	588	08/15/2025	12:13	LB136851
	Iron	102000	99300	103	84400	114500	08/15/2025	12:13	LB136851
	Lead	42.4	49.0	86	37	61	08/15/2025	12:13	LB136851
	Magnesium	250000	248000	101	210000	286000	08/15/2025	12:13	LB136851
	Manganese	494	507	97	430	584	08/15/2025	12:13	LB136851
	Nickel	997	954	104	810	1100	08/15/2025	12:13	LB136851
	Potassium	-30.5			0	0	08/15/2025	12:13	LB136851
	Selenium	50.7	46.0	110	26	66	08/15/2025	12:13	LB136851
	Silver	219	201	109	170	232	08/15/2025	12:13	LB136851

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	26.3			0	0	08/15/2025	12:13	LB136851
	Thallium	94.9	108	88	68	148	08/15/2025	12:13	LB136851
	Vanadium	479	491	98	417	565	08/15/2025	12:13	LB136851
	Zinc	1060	952	111	809	1095	08/15/2025	12:13	LB136851

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2795

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2793-01 **client id:** VNJ-231MS

Percent Solids for Sample: 92.7 **Spiked ID:** Q2793-01MS **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5770		5530		93.4	254		P
Antimony	mg/Kg	75 - 125	21.3		2.38	U	37.4	57	N	P
Arsenic	mg/Kg	75 - 125	31.4		3.57		37.4	74	N	P
Barium	mg/Kg	75 - 125	63.4		55.0		9.3	90		P
Beryllium	mg/Kg	75 - 125	6.57		0.47		9.3	66	N	P
Cadmium	mg/Kg	75 - 125	8.00		0.32		9.3	83		P
Calcium	mg/Kg	75 - 125	1390		1440		46.7	-110		P
Chromium	mg/Kg	75 - 125	21.1		10.1		18.7	59	N	P
Cobalt	mg/Kg	75 - 125	12.3		4.83		9.3	81		P
Copper	mg/Kg	75 - 125	26.6		16.6		14.0	71	N	P
Iron	mg/Kg	75 - 125	9580		10700		140	-806		P
Lead	mg/Kg	75 - 125	82.5		42.2		46.7	86		P
Magnesium	mg/Kg	75 - 125	1510		1480		93.4	42		P
Manganese	mg/Kg	75 - 125	280		302		9.3	-242		P
Nickel	mg/Kg	75 - 125	28.7		9.50		23.3	82		P
Potassium	mg/Kg	75 - 125	943		561		470	81		P
Selenium	mg/Kg	75 - 125	64.0		0.95	U	93.4	68	N	P
Silver	mg/Kg	75 - 125	2.91		0.37	J	3.5	72	N	P
Sodium	mg/Kg	75 - 125	317		235		140	58	N	P
Thallium	mg/Kg	75 - 125	81.7		1.90	U	93.4	88		P
Vanadium	mg/Kg	75 - 125	24.2		14.8		14.0	67	N	P
Zinc	mg/Kg	75 - 125	54.9		48.8		9.3	65		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2795

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2793-01 **client id:** VNJ-231MSD

Percent Solids for Sample: 92.7 **Spiked ID:** Q2793-01MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5350		5530		93.0	-202		P
Antimony	mg/Kg	75 - 125	20.9		2.38	U	37.2	56	N	P
Arsenic	mg/Kg	75 - 125	29.4		3.57		37.2	69	N	P
Barium	mg/Kg	75 - 125	61.3		55.0		9.3	67		P
Beryllium	mg/Kg	75 - 125	6.44		0.47		9.3	64	N	P
Cadmium	mg/Kg	75 - 125	7.86		0.32		9.3	81		P
Calcium	mg/Kg	75 - 125	1360		1440		46.5	-168		P
Chromium	mg/Kg	75 - 125	20.5		10.1		18.6	56	N	P
Cobalt	mg/Kg	75 - 125	12.1		4.83		9.3	78		P
Copper	mg/Kg	75 - 125	26.5		16.6		13.9	71	N	P
Iron	mg/Kg	75 - 125	8260		10700		140	-1746		P
Lead	mg/Kg	75 - 125	77.4		42.2		46.5	76		P
Magnesium	mg/Kg	75 - 125	1410		1480		93.0	-71		P
Manganese	mg/Kg	75 - 125	294		302		9.3	-84		P
Nickel	mg/Kg	75 - 125	27.7		9.50		23.2	78		P
Potassium	mg/Kg	75 - 125	852		561		460	63	N	P
Selenium	mg/Kg	75 - 125	62.7		0.95	U	93.0	67	N	P
Silver	mg/Kg	75 - 125	2.87		0.37	J	3.5	71	N	P
Sodium	mg/Kg	75 - 125	303		235		140	48	N	P
Thallium	mg/Kg	75 - 125	80.7		1.90	U	93.0	87		P
Vanadium	mg/Kg	75 - 125	21.6		14.8		13.9	49	N	P
Zinc	mg/Kg	75 - 125	56.1		48.8		9.3	79		P

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2795

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2807-03 **client id:** COMP-6MS

Percent Solids for Sample: 83.6 **Spiked ID:** Q2807-03MS **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	2.00	D	2.26	D	0.32	-80		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2795

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2807-03 **client id:** COMP-6MSD

Percent Solids for Sample: 83.6 **Spiked ID:** Q2807-03MSD **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.61	D	2.26	D	0.29	-222		CV

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** VNJ-231A

Sample ID: Q2793-01 **Spiked ID:** Q2793-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	26.4		2.38	U	38.0	70	N	P
Arsenic	mg/Kg	75 - 125	29.8		3.57		38.0	69	N	P
Beryllium	mg/Kg	75 - 125	6.64		0.47		9.50	65	N	P
Chromium	mg/Kg	75 - 125	21.9		10.1		19.0	62	N	P
Copper	mg/Kg	75 - 125	25.4		16.6		14.3	61	N	P
Potassium	mg/Kg	75 - 125	849		561		480	60	N	P
Selenium	mg/Kg	75 - 125	66.9		0.95	U	95.0	70	N	P
Silver	mg/Kg	75 - 125	2.86		0.37	J	3.60	69	N	P
Sodium	mg/Kg	75 - 125	298		235		140	45	N	P
Vanadium	mg/Kg	75 - 125	23.9		14.8		14.3	63	N	P

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Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2793-01 **Client ID:** VNJ-231DUP

Percent Solids for Sample: 92.7 **Duplicate ID** Q2793-01DUP **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5530		5320		4		P
Antimony	mg/Kg	20	2.38	U	2.36	U			P
Arsenic	mg/Kg	20	3.57		3.19		11		P
Barium	mg/Kg	20	55.0		56.3		2		P
Beryllium	mg/Kg	20	0.47		0.46		4		P
Cadmium	mg/Kg	20	0.32		0.33		4		P
Calcium	mg/Kg	20	1440		1390		4		P
Chromium	mg/Kg	20	10.1		8.58		16		P
Cobalt	mg/Kg	20	4.83		4.65		4		P
Copper	mg/Kg	20	16.6		18.5		11		P
Iron	mg/Kg	20	10700		9500		12		P
Lead	mg/Kg	20	42.2		45.6		8		P
Magnesium	mg/Kg	20	1480		1430		3		P
Manganese	mg/Kg	20	302		303		0		P
Nickel	mg/Kg	20	9.50		9.22		3		P
Potassium	mg/Kg	20	561		552		2		P
Selenium	mg/Kg	20	0.95	U	0.94	U			P
Silver	mg/Kg	20	0.37	J	0.31	J	18		P
Sodium	mg/Kg	20	235		222		6		P
Thallium	mg/Kg	20	1.90	U	1.88	U			P
Vanadium	mg/Kg	20	14.8		13.5		9		P
Zinc	mg/Kg	20	48.8		47.6		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2793-01MS **Client ID:** VNJ-231MSD

Percent Solids for Sample: 92.7 **Duplicate ID** Q2793-01MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5770		5350		8		P
Antimony	mg/Kg	20	21.3		20.9		2		P
Arsenic	mg/Kg	20	31.4		29.4		7		P
Barium	mg/Kg	20	63.4		61.3		3		P
Beryllium	mg/Kg	20	6.57		6.44		2		P
Cadmium	mg/Kg	20	8.00		7.86		2		P
Calcium	mg/Kg	20	1390		1360		2		P
Chromium	mg/Kg	20	21.1		20.5		3		P
Cobalt	mg/Kg	20	12.3		12.1		2		P
Copper	mg/Kg	20	26.6		26.5		0		P
Iron	mg/Kg	20	9580		8260		15		P
Lead	mg/Kg	20	82.5		77.4		6		P
Magnesium	mg/Kg	20	1510		1410		7		P
Manganese	mg/Kg	20	280		294		5		P
Nickel	mg/Kg	20	28.7		27.7		4		P
Potassium	mg/Kg	20	943		852		10		P
Selenium	mg/Kg	20	64.0		62.7		2		P
Silver	mg/Kg	20	2.91		2.87		1		P
Sodium	mg/Kg	20	317		303		5		P
Thallium	mg/Kg	20	81.7		80.7		1		P
Vanadium	mg/Kg	20	24.2		21.6		11		P
Zinc	mg/Kg	20	54.9		56.1		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2807-03 **Client ID:** COMP-6DUP

Percent Solids for Sample: 83.6 **Duplicate ID** Q2807-03DUP **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.26	D	1.77	D	24	*	CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2807-03MS **Client ID:** COMP-6MSD

Percent Solids for Sample: 83.6 **Duplicate ID** Q2807-03MSD **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.00	D	1.61	D	22	*	CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169179BS							
Mercury	mg/Kg	0.28	0.26		94	80 - 120	CV

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169181BS							
Aluminum	mg/Kg	100	98.7		99	80 - 120	P
Antimony	mg/Kg	40.0	42.0		105	80 - 120	P
Arsenic	mg/Kg	40.0	39.7		99	80 - 120	P
Barium	mg/Kg	10.0	9.19		92	80 - 120	P
Beryllium	mg/Kg	10.0	9.20		92	80 - 120	P
Cadmium	mg/Kg	10.0	9.07		91	80 - 120	P
Calcium	mg/Kg	50.0	56.8	J	114	80 - 120	P
Chromium	mg/Kg	20.0	20.3		102	80 - 120	P
Cobalt	mg/Kg	10.0	9.39		94	80 - 120	P
Copper	mg/Kg	15.0	15.1		101	80 - 120	P
Iron	mg/Kg	150	152		101	80 - 120	P
Lead	mg/Kg	50.0	45.5		91	80 - 120	P
Magnesium	mg/Kg	100	98.2	J	98	80 - 120	P
Manganese	mg/Kg	10.0	9.89		99	80 - 120	P
Nickel	mg/Kg	25.0	23.7		95	80 - 120	P
Potassium	mg/Kg	500	479		96	80 - 120	P
Selenium	mg/Kg	100	99.8		100	80 - 120	P
Silver	mg/Kg	3.8	3.63		96	80 - 120	P
Sodium	mg/Kg	150	142		95	80 - 120	P
Thallium	mg/Kg	100	88.3		88	80 - 120	P
Vanadium	mg/Kg	15.0	14.9		99	80 - 120	P
Zinc	mg/Kg	10.0	10.6		106	80 - 120	P

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Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-231L

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **Lb No.:** lb136778 **Lab Sample ID :** Q2793-01L **SDG No.:** Q2795

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	5530		6090		10		P
Antimony	2.38	U	11.9	U			P
Arsenic	3.57		3.46	J	3		P
Barium	55.0		57.3		4		P
Beryllium	0.47		0.54	J	14		P
Cadmium	0.32		0.16	J	51		P
Calcium	1440		1610		12		P
Chromium	10.1		11.0		10		P
Cobalt	4.83		4.61	J	5		P
Copper	16.6		19.8		19		P
Iron	10700		11500		8		P
Lead	42.2		42.3		0		P
Magnesium	1480		1640		11		P
Manganese	302		334		11		P
Nickel	9.50		9.45	J	1		P
Potassium	561		604		8		P
Selenium	0.95	U	4.75	U			P
Silver	0.37	J	2.38	U	100.0		P
Sodium	235		236	J	0		P
Thallium	1.90	U	9.50	U			P
Vanadium	14.8		16.3		10		P
Zinc	48.8		53.1		9		P

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Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

COMP-6L

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **Lb No.:** lb136768 **Lab Sample ID :** Q2807-03L **SDG No.:** Q2795

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	1.27	OR	0.42		67		CV

METAL PREPARATION & INSTRUMENT DATA

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169179**						
PB169179BL	PB169179BL	MB	SOLID	08/08/2025	0.50	35.0	100.00
PB169179BS	PB169179BS	LCS	SOLID	08/08/2025	0.50	35.0	100.00
Q2795-01	COMP-1	SAM	SOLID	08/08/2025	0.58	35.0	82.50
Q2795-02	COMP-2	SAM	SOLID	08/08/2025	0.59	35.0	80.80
Q2795-03	COMP-3	SAM	SOLID	08/08/2025	0.56	35.0	82.00
Q2807-03DUP	COMP-6DUP	DUP	SOLID	08/08/2025	0.57	35.0	83.60
Q2807-03MS	COMP-6MS	MS	SOLID	08/08/2025	0.53	35.0	83.60
Q2807-03MSD	COMP-6MSD	MSD	SOLID	08/08/2025	0.57	35.0	83.60

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q2795

Contract: POWE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169181**						
PB169181BL	PB169181BL	MB	SOLID	08/08/2025	2.00	100.0	100.00
PB169181BS	PB169181BS	LCS	SOLID	08/08/2025	2.00	100.0	100.00
Q2793-01DUP	VNJ-231DUP	DUP	SOLID	08/08/2025	2.29	100.0	92.70
Q2793-01MS	VNJ-231MS	MS	SOLID	08/08/2025	2.31	100.0	92.70
Q2793-01MSD	VNJ-231MSD	MSD	SOLID	08/08/2025	2.32	100.0	92.70
Q2795-01	COMP-1	SAM	SOLID	08/08/2025	2.16	100.0	82.50
Q2795-02	COMP-2	SAM	SOLID	08/08/2025	2.27	100.0	80.80
Q2795-03	COMP-3	SAM	SOLID	08/08/2025	2.45	100.0	82.00

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metals
- 14 -
ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: ACE **Sdg no.:** Q2795

Instrument id number: **Method:** **Run number:** LB136768

Start date: 08/11/2025 **End date:** 08/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0958	HG
S0.2	S0.2	1	1010	HG
S2.5	S2.5	1	1019	HG
S5	S5	1	1025	HG
S7.5	S7.5	1	1027	HG
S10	S10	1	1030	HG
ICV06	ICV06	1	1033	HG
ICB06	ICB06	1	1035	HG
CCV15	CCV15	1	1106	HG
CCB15	CCB15	1	1108	HG
CRA	CRA	1	1111	HG
PB169179BL	PB169179BL	1	1127	HG
PB169179BS	PB169179BS	1	1129	HG
CCV16	CCV16	1	1153	HG
CCB16	CCB16	1	1155	HG
CCV17	CCV17	1	1226	HG
CCB17	CCB17	1	1229	HG
Q2807-03L	COMP-6L	5	1241	HG
Q2795-01	COMP-1	10	1317	HG
Q2795-02	COMP-2	10	1320	HG
Q2795-03	COMP-3	10	1322	HG
CCV18	CCV18	1	1332	HG
CCB18	CCB18	1	1334	HG
Q2807-03DUP	COMP-6DUP	10	1341	HG
Q2807-03MSD	COMP-6MSD	10	1344	HG
Q2807-03MS	COMP-6MS	10	1354	HG
CCV19	CCV19	1	1356	HG
CCB19	CCB19	1	1359	HG

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metals
- 14 -
ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: ACE **Sdg no.:** Q2795

Instrument id number: **Method:** **Run number:** LB136778

Start date: 08/11/2025 **End date:** 08/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1043	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1048	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1052	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1056	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1100	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1109	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1148	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1205	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1209	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1304	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1458	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01DUP	VNJ-231DUP	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01L	VNJ-231L	5	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01MS	VNJ-231MS	1	1511	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01MSD	VNJ-231MSD	1	1515	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01A	VNJ-231A	1	1519	Ag,As,Be,Cr,Cu,K,Na,Sb,Se,V
Q2795-01	COMP-1	1	1523	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2795-02	COMP-2	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2795-03	COMP-3	1	1531	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1602	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1606	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
- 14 -
ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: ACE **Sdg no.:** Q2795

Instrument id number: **Method:** **Run number:** LB136851

Start date: 08/15/2025 **End date:** 08/15/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1125	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1129	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1200	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1204	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1209	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1213	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1230	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169181BL	PB169181BL	1	1432	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169181BS	PB169181BS	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1510	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1555	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1601	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1645	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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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 10:20**			**08/07/25**
			Ammonia	SM4500-NH3		08/11/25	08/12/25 09:57	
			Anions Group1	9056A			08/07/25 13:56	
			Hexavalent Chromium	7196A		08/11/25	08/11/25 13:54	
			Trivalent Chromium	6010D			08/11/25 15:23	
Q2795-02	**COMP-2**	**SOIL**			**08/06/25 11:25**			**08/07/25**
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:08	
			Anions Group1	9056A			08/07/25 15:01	
			Hexavalent Chromium	7196A		08/11/25	08/11/25 13:59	
			Trivalent Chromium	6010D			08/11/25 15:27	
Q2795-03	**COMP-3**	**SOIL**			**08/06/25 12:20**			**08/07/25**
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:08	
			Anions Group1	9056A			08/07/25 15:23	
			Hexavalent Chromium	7196A		08/11/25	08/11/25 14:00	
			Trivalent Chromium	6010D			08/11/25 15:31	

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25 10:20
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-1	SDG No.:	Q2795
Lab Sample ID:	Q2795-01	Matrix:	SOIL
		% Solid:	82.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.60	U	1	2.60	5.90	mg/Kg	08/11/25 12:00	08/12/25 09:57	SM 4500-NH3 B plus G-21
Chloride	11.0	J	1	4.20	14.5	mg/Kg		08/07/25 13:56	9056A
Fluoride	3.00	J	1	2.10	9.70	mg/Kg		08/07/25 13:56	9056A
Sulfate	78.4		1	10.6	72.6	mg/Kg		08/07/25 13:56	9056A
Hexavalent Chromium	0.083	U	1	0.083	0.48	mg/Kg	08/11/25 09:15	08/11/25 13:54	7196A
Trivalent Chromium	10.7		1	0.61	0.61	mg/Kg		08/11/25 15:23	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25 11:25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-2	SDG No.:	Q2795
Lab Sample ID:	Q2795-02	Matrix:	SOIL
		% Solid:	80.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.60	U	1	2.60	6.00	mg/Kg	08/11/25 12:00	08/12/25 10:08	SM 4500-NH3 B plus G-21
Chloride	65.4		1	4.30	14.8	mg/Kg		08/07/25 15:01	9056A
Fluoride	5.30	J	1	2.20	9.90	mg/Kg		08/07/25 15:01	9056A
Sulfate	21.0	J	1	10.8	74.0	mg/Kg		08/07/25 15:01	9056A
Hexavalent Chromium	0.086	U	1	0.086	0.49	mg/Kg	08/11/25 09:15	08/11/25 13:59	7196A
Trivalent Chromium	12.9		1	0.62	0.62	mg/Kg		08/11/25 15:27	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25 12:20
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-3	SDG No.:	Q2795
Lab Sample ID:	Q2795-03	Matrix:	SOIL
		% Solid:	82

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.70	U	1	2.70	6.00	mg/Kg	08/11/25 12:00	08/12/25 10:08	SM 4500-NH3 B plus G-21
Chloride	19.8		1	4.20	14.5	mg/Kg		08/07/25 15:23	9056A
Fluoride	3.40	J	1	2.10	9.70	mg/Kg		08/07/25 15:23	9056A
Sulfate	13.7	J	1	10.6	72.7	mg/Kg		08/07/25 15:23	9056A
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	08/11/25 09:15	08/11/25 14:00	7196A
Trivalent Chromium	14.0		1	0.61	0.61	mg/Kg		08/11/25 15:31	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Verification

Client: Kleinfelder **SDG No.:** Q2795

Project: Girard School - PA **RunNo.:** LB136743

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Bromide	mg/L	10.3	10	103	90-110	08/06/2025
Chloride	mg/L	3.2	3	107	90-110	08/06/2025
Fluoride	mg/L	2	2	100	90-110	08/06/2025
Nitrite	mg/L	3.1	3	103	90-110	08/06/2025
Nitrate	mg/L	2.6	2.5	104	90-110	08/06/2025
Sulfate	mg/L	15.4	15	103	90-110	08/06/2025
Orthophosphate as P	mg/L	5	5	100	90-110	08/06/2025
Sample ID: **CCV1**						
Bromide	mg/L	10.2	10	102	90-110	08/07/2025
Chloride	mg/L	3	3	100	90-110	08/07/2025
Fluoride	mg/L	2	2	100	90-110	08/07/2025
Nitrite	mg/L	3	3	100	90-110	08/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	08/07/2025
Sulfate	mg/L	15.1	15	101	90-110	08/07/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	08/07/2025
Sample ID: **CCV2**						
Bromide	mg/L	10.2	10	102	90-110	08/07/2025
Chloride	mg/L	3.1	3	103	90-110	08/07/2025
Fluoride	mg/L	2	2	100	90-110	08/07/2025
Nitrite	mg/L	3	3	100	90-110	08/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	08/07/2025
Sulfate	mg/L	15.2	15	101	90-110	08/07/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	08/07/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q2795
Project:	Girard School - PA	**RunNo.:**	LB136775

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	08/11/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	08/11/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	08/11/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.497	0.5	99	90-110	08/11/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q2795
Project:	Girard School - PA	**RunNo.:**	LB136784

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Ammonia as N		mg/L	0.99	1	99	90-110	08/12/2025
Sample ID:	**CCV1**						
Ammonia as N		mg/L	0.97	1	97	90-110	08/12/2025
Sample ID:	**CCV2**						
Ammonia as N		mg/L	0.97	1	97	90-110	08/12/2025
Sample ID:	**CCV3**						
Ammonia as N		mg/L	1	1	100	90-110	08/12/2025
Sample ID:	**CCV4**						
Ammonia as N		mg/L	0.99	1	99	90-110	08/12/2025

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Initial and Continuing Calibration Blank Summary

Client: Kleinfelder **SDG No.:** Q2795

Project: Girard School - PA **RunNo.:** LB136743

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/06/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/07/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/07/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q2795
Project:	Girard School - PA	**RunNo.:**	LB136775

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q2795
Project:	Girard School - PA	**RunNo.:**	LB136784

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Ammonia as N	mg/L	0.032	0.0500	J	0.030	0.1	08/12/2025
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB2							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB3							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB4							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025

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Preparation Blank Summary

Client: Kleinfelder **SDG No.:** Q2795

Project: Girard School - PA

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136743BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	08/07/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	08/07/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	08/07/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	08/07/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	08/07/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	08/07/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	08/07/2025
Sample ID: PB169184BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	08/11/2025
Sample ID: PB169198BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	08/12/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS
SDG No.: Q2795
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	55.3		2.60	U	58.3	1	95		08/12/2025
Bromide	mg/Kg	80-120	247		8.50	U	240	1	103		08/07/2025
Chloride	mg/Kg	80-120	83.9		11.0	J	72.3	1	101		08/07/2025
Fluoride	mg/Kg	80-120	49.2		3.00	J	48.2	1	96		08/07/2025
Nitrite	mg/Kg	80-120	73.6		1.90	U	72.3	1	102		08/07/2025
Nitrate	mg/Kg	80-120	65.8		5.90	J	60.2	1	100		08/07/2025
Sulfate	mg/Kg	80-120	424		78.4		360	1	96		08/07/2025
Orthophosphate as P	mg/Kg	80-120	123		14.0	J	120	1	91		08/07/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS

SDG No.: Q2795
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1520		0.083	U	1560	40	97		08/11/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS
SDG No.: Q2795
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	46.3		0.083	U	48.5	2	96		08/11/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MSD

SDG No.: Q2795
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	56.0		2.60	U	59.4	1	94		08/12/2025
Bromide	mg/Kg	80-120	249		8.50	U	240	1	104		08/07/2025
Chloride	mg/Kg	80-120	85.0		11.0	J	72.6	1	102		08/07/2025
Fluoride	mg/Kg	80-120	49.8		3.00	J	48.4	1	97		08/07/2025
Nitrite	mg/Kg	80-120	74.1		1.90	U	72.6	1	102		08/07/2025
Nitrate	mg/Kg	80-120	66.2		5.90	J	60.5	1	100		08/07/2025
Sulfate	mg/Kg	80-120	429		78.4		360	1	97		08/07/2025
Orthophosphate as P	mg/Kg	80-120	122		14.0	J	120	1	90		08/07/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS
SDG No.: Q2795
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	42.0		0.083	U	48.5	2	87		08/11/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1DUP

SDG No.: Q2795
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.083	U	0.083	U	1	0		08/11/2025
Ammonia as N	mg/Kg	+/-20	2.60	U	2.60	U	1	0		08/12/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MSD
SDG No.: Q2795
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	247		249		1	1		08/07/2025
Chloride	mg/Kg	+/-15	83.9		85.0		1	1		08/07/2025
Fluoride	mg/Kg	+/-15	49.2		49.8		1	1		08/07/2025
Nitrate	mg/Kg	+/-15	65.8		66.2		1	1		08/07/2025
Nitrite	mg/Kg	+/-15	73.6		74.1		1	1		08/07/2025
Orthophosphate as P	mg/Kg	+/-15	123		122		1	1		08/07/2025
Sulfate	mg/Kg	+/-15	424		429		1	1		08/07/2025
Ammonia as N	mg/Kg	+/-20	55.3		56.0		1	1		08/12/2025

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Laboratory Control Sample Summary

Client: Kleinfelder **SDG No.:** Q2795

Project: Girard School - PA **Run No.:** LB136743

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136743BSS								
Bromide	mg/Kg	200	203		102	1	90-110	08/07/2025
Chloride	mg/Kg	60	61.0		102	1	90-110	08/07/2025
Fluoride	mg/Kg	40	40.8		102	1	90-110	08/07/2025
Nitrite	mg/Kg	60	60.5		101	1	90-110	08/07/2025
Nitrate	mg/Kg	50	50.6		101	1	90-110	08/07/2025
Sulfate	mg/Kg	300	302		101	1	90-110	08/07/2025
Orthophosphate as P	mg/Kg	100	103		103	1	90-110	08/07/2025

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q2795
Project:	Girard School - PA	**Run No.:**	LB136775

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB169184BS**								
Hexavalent Chromium	**mg/Kg**	**20**	**20.0**		**100**	**1**	**84-110**	**08/11/2025**

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q2795
Project:	Girard School - PA	**Run No.:**	LB136784

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB169198BS								
Ammonia as N	mg/Kg	50	50.4		101	1	90-110	08/12/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2795
COC Number 2045308

11
11.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Girard School
PROJECT NO.: 20001558.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 4 (QC + Full Raw Data)
- ☑ Level 2 (Results + QC)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

PADEP Historic Clean Fill Parameters
Hold

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E	E								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	COMP-1	Soil	✓		8/6/25	10:20	4	✓									
2.	COMP-2	↓	↓		↓	11:25	↓	↓									
3.	COMP-3	↓	↓		↓	12:20	↓	↓									
4.	SB-1	↓		✓	↓	9:40	1		✓								
5.	SB-2	↓		↓	↓	9:50	↓		↓								
6.	SB-3	↓		↓	↓	10:00	↓		↓								
7.	SB-4	↓		↓	↓	10:15	↓		↓								
8.	SB-5	↓		↓	↓	10:35	↓		↓								
9.	SB-6	↓		↓	↓	10:50	↓		↓								
10.	SB-7	↓		↓	↓	11:00	↓		↓								

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/6/25	1.
2.	8/7/25 1128	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8°C
Comments: Hold grab samples SB-1 thru SB-12
IR Gun #1

Page 1 of 2

CLIENT: ☐ Hand Delivered ☑ Other FedEx

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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ALLIANCE PROJECT NO.
QUOTE NO. Q2795
COC Number 2045309

11
11.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Girard School
PROJECT NO.: 20160558.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☑ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

JC
Hold
PRESERVATIVES: 1 2 3 4 5 6 7 8 9

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9	COMMENTS
									E								
1.	SB-8	Soil		✓	8/6/25	11:20	1		✓								
2.	SB-9	↓		↓	↓	11:50	↓		↓								
3.	SB-10					12:00											
4.	SB-11					12:10											
5.	SB-12					12:15											
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/6/25	1.
2.	8/7/25 1128	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: Thanks!

Page 2 of 2

CLIENT: ☐ Hand Delivered ☑ Other FedEx

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

YG 08/12/2025

Order ID : Q2795 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 8/7/2025 11:57:00 AM
Project Name : ~~Girad School~~ Girard School-PA
Receive DateTime : 8/7/2025 11:28:00 AM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2795-01	COMP-1	Solid	08/06/2025	10:20					
					VOCMS Group1		8260D		5 Bus. Days
Q2795-02	COMP-2	Solid	08/06/2025	11:25					
					VOCMS Group1		8260D		5 Bus. Days
Q2795-03	COMP-3	Solid	08/06/2025	12:20					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By :
Date / Time : 8/7/25 1240

Received By : Sam
Date / Time : 8/7/25 12:40

Storage Area : VOA Refridgerator Room